

Savitribai Phule Pune

Management Information Systems INTRODUCTION TO HUMAN GEOGRAPHY **Basics of Civil Engineering AN APPRAISAL OF THE JUDICIAL SYSTEM IN INDIA: A CRITICAL STUDY ON JUDICIAL INDEPENDENCE VIS-À-VIS JUDICIAL ACCOUNTABILITY** Introductory Basics Of Chemistry **Engineering Chemistry Samkatha** *Evolution of Business* **Quantitative Decision Making** **ATOMIC AND MOLECULAR PHYSICS** **Microbial Diversity and Ecology in Hotspots** **Security Issues and Privacy Threats in Smart Ubiquitous Computing** **Research Methodology** Veterinary Science: Breakthroughs in Research and Practice **Structural Bioinformatics: Applications in Preclinical Drug Discovery Process** **Handbook of Research on Applied Intelligence for Health and Clinical Informatics** **To Edit Or Not to Edit** An Introduction to Vectors, Vector Operators and Vector Analysis **Entrepreneurship Development** Foundation of Managerial Effectiveness **GIS Based College Information System for University of Pune** **Advances in Plant Tissue Culture** *Science and Technology of Aroma, Flavor, and Fragrance in Rice* **The Last Fortress of Congress Dominance** **Antimicrobial Resistance** *Bio-Electrochemical Systems* **VANET** Scented rice (Oryza sativa L.) Cultivars of India: A Perspective on Quality and Diversity **Proceeding of First Doctoral Symposium on Natural Computing** **Research Contemporary Marketing Research Higher Education Through Open and Distance Learning** **Engineered Nanomaterials and Phytonanotechnology: Challenges for Plant Sustainability** *Transgressing Boundaries* Employment News (1-15 September 2020) eBook Energy Storage Systems Data Management, Analytics and Innovation *Financial Management* *The Internet of Everything* Authorization and Access Control Using Computational Intelligence for the Dark Web and Illicit Behavior Detection

Eventually, you will categorically discover a new experience and talent by spending more cash. nevertheless when? pull off you tolerate that you require to get those all needs afterward having significantly cash? Why dont you attempt to acquire something basic in the beginning? Thats something that will guide you to comprehend even more something like the globe, experience, some places, following history, amusement, and a lot more?

It is your unconditionally own grow old to conduct yourself reviewing habit. along with guides you could enjoy now is **Savitribai Phule Pune** below.

Financial Management Sep 29 2019 Finance is one of the crucial prerequisites to start any business. Further, a sufficient corpus of funds and efficient financial management is required throughout a business's lifetime and even when a company is sold or wound up. Therefore, funds need to be managed, regulated as per procedures, and monitored at every step of the business lifecycle. In simple terms, financial management is the business function that deals with investing the available financial resources in a way that greater business success and return-on-investment (ROI) is achieved. Financial management professionals plan, organize and control all transactions in a business. They focus on sourcing the capital whether it is from the initial investment by the entrepreneur, debt financing, venture funding, public issue, or any other sources. Financial management professionals are also responsible for fund allocation in an optimized way to ensure greater financial stability and growth for the organization. The purpose of this study Material is to present an introduction to the subjects of Commerce and Management. The book contains the syllabus from basics of the subjects going into the intricacies of the subjects. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. An attempt is made here by the authors to assist the students by way of providing Study Material as per the curriculum with non-commercial considerations. However, it is implicit that these are exam-oriented Study Material and students are advised to attend regular class room classes in the Institute and utilize reference books available in the library for In-depth knowledge. We owe to many websites and their free contents; we would like to specially acknowledge contents of website www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to our authors on tmcnagpur@gmail.com. We shall be glad to help you immediately. Dr. Hitesh Vaswani I Dr. Mukul Burghate ??????Authors

Science and Technology of Aroma, Flavor, and Fragrance in Rice Dec 13 2020 With contributions from a broad range of leading researchers, this book focuses on advances and innovations in rice aroma, flavor, and fragrance research. *Science and Technology of Aroma, Flavor, and Fragrance in Rice* is specially designed to present an abundance of recent research, advances, and innovations in this growing field. Aroma is one of the diagnostic aspects of rice quality that can determine acceptance or rejection of rice before it is tested. Aroma is also considered as an important property of rice that indicates its preferable high quality and price in the market. An assessment of known data reveals that more than 450 chemical compounds have been documented in various aromatic and non-aromatic rice cultivars. The primary goal of research is to identify the compounds responsible for the characteristic rice aroma. Many attempts have been made to search for the key compounds contributing to rice aroma, but any single compound or group of compounds could not reported that are fully responsible. There is no single analytical technique that can be used for investigation of volatile aroma compounds in rice samples although there are currently many technologies available for the extraction of rice volatile aroma compounds. These technologies have been modified from time to time according to need, and many of them are helping the emergence of a new form, particularly in the distillation, extraction, and quantification concept. This new volume helps to fill a void in the research by focusing solely on aroma, flavor, and fragrance of rice, helping to meet an important need in rice research and production. Key features of this volume: • provides an overview of aromatic rice from different countries • looks at traditional extraction methods for chemicals associated with rice aroma, flavor, and fragrance • presents new and modern approaches in extraction of rice aroma

chemicals • explores genetic engineering for fragrance in rice

Samkatha Apr 28 2022

The Internet of Everything Aug 28 2019 In the era before IoT, the world wide web, internet, web 2.0 and social media made people's lives comfortable by providing web services and enabling access personal data irrespective of their location. Further, to save time and improve efficiency, there is a need for machine to machine communication, automation, smart computing and ubiquitous access to personal devices. This need gave birth to the phenomenon of Internet of Things (IoT) and further to the concept of Internet of Everything (IoE). This book aims to present different aspects of IoE, challenges faced by IoE and its applications, divided into 8 chapters. This multifaceted coverage of the various verticals and IoT layers is the main attraction of this book.

Bio-Electrochemical Systems Sep 09 2020 This book addresses electro-fermentation for biofuel production and generation of high-value chemicals and biofuels using organic wastes. It covers the use of microbial biofilm and algae-based bioelectrochemical systems (BESs) for bioremediation and co-generation of valuable chemicals, including their practical applications. It explains BES design, integrated approaches to enhance process efficiency, and scaling-up technology for waste remediation, bio-electrogenesis, and resource recovery from wastewater. Features: Provides information regarding bioelectrochemical systems, mediated value-added chemical synthesis, and waste remediation and resource recovery approaches. Covers the use of microbial biofilm and algae-based bioelectrochemical systems for bioremediation and co-generation of valuable chemicals. Explains waste-to-energy related concepts to treat industrial effluents along with bioenergy generation. Deals with various engineering approaches for chemicals production in eco-friendly manner. Discusses emerging electro-fermentation technology. This book is aimed at senior undergraduates and researchers in industrial biotechnology, environmental science, civil engineering, chemical engineering, bioenergy and biofuels, and wastewater treatment.

Handbook of Research on Applied Intelligence for Health and Clinical Informatics Jul 20 2021 Currently, informatics within the field of public health is a developing and growing industry. Clinical informatics are used in direct patient care by supplying medical practitioners with information that can be used to develop a care plan. Intelligent applications in clinical informatics facilitates with the technology-based solutions to analyze data or medical images and help clinicians to retrieve that information. Decision models aid with making complex decisions especially in uncertain situations. The Handbook of Research on Applied Intelligence for Health and Clinical Informatics is a comprehensive reference book that focuses on the study of resources and methods for the management of healthcare infrastructure and information. This book provides insights on how applied intelligence with deep learning, experiential learning, and more will impact healthcare and clinical information processing. The content explores the representation, processing, and communication of clinical information in natural and engineered systems. This book covers a range of topics including applied intelligence, medical imaging, telehealth, and decision support systems, and also looks at technologies and tools used in the detection and diagnosis of medical conditions such as cancers, diabetes, heart disease, lung disease, and prenatal syndromes. It is an essential reference source for diagnosticians, medical professionals, imaging specialists, data specialists, IT consultants, medical technologists, academicians, researchers, industrial experts, scientists, and students.

Transgressing Boundaries Feb 01 2020

To Edit Or Not to Edit Jun 18 2021

Contemporary Marketing Research May 06 2020 This book deals with the basic essentials in contemporary marketing research. It has been specifically written to meet the requirement of the MBA second year Sem II students of Savitribai Phule Pune University as per the prescribed syllabus. However it is useful as a text book to the MBA/PGDBM students of other Indian Universities. Its special features are 1. Lucid explanations of the theoretical principles 2. Solved numerical examples in certain chapters 3. Appropriate exercises at the end of each chapter

Advances in Plant Tissue Culture Jan 14 2021 *Advances in Plant Tissue Culture: Current Developments and Future Trends* provides a complete and up-to-date text on all basic and applied aspects of plant tissue cultures and their latest application implications. It will be beneficial for students and early-career researchers of plant sciences and plant/agricultural biotechnology. Plant tissue culture has emerged as a sustainable way to meet the requirements of fresh produces, horticultural crops, medicinal or ornamental plants.

Nowadays, plant tissue culture is an emerging field applied in various aspects, including sustainable agriculture, plant breeding, horticulture and forestry. This book covers the latest technology, broadly applied for crop improvement, clonal propagation, Somatic hybridization Embryo rescue, Germplasm conservation, genetic conservation, or for the preservation of endangered species. However, these technologies also play a vital role in breaking seed dormancy over conventional methods of conservation. Focuses on plant tissue culture as an emerging field applied in various aspects, including sustainable agriculture, plant breeding, horticulture and forestry Includes current studies and innovations in biotechnology Covers commercialization and current perspectives in the field of plant tissue culture techniques

An Introduction to Vectors, Vector Operators and Vector Analysis May 18 2021 Ideal for undergraduate and graduate students of science and engineering, this book covers fundamental concepts of vectors and their applications in a single volume. The first unit deals with basic formulation, both conceptual and theoretical. It discusses applications of algebraic operations, Levi-Civita notation, and curvilinear coordinate systems like spherical polar and parabolic systems and structures, and analytical geometry of curves and surfaces. The second unit delves into the algebra of operators and their types and also explains the equivalence between the algebra of vector operators and the algebra of matrices. Formulation of eigen vectors and eigen values of a linear vector operator are elaborated using vector algebra. The third unit deals with vector analysis, discussing vector valued functions of a scalar variable and functions of vector argument (both scalar valued and vector valued), thus covering both the scalar vector fields and vector integration.

Structural Bioinformatics: Applications in Preclinical Drug Discovery Process Aug 21 2021 This book reviews the advances and challenges of structure-based drug design in the preclinical drug discovery process, addressing various diseases, including malaria, tuberculosis and cancer. Written by internationally recognized researchers, this edited book discusses how the application of the various in-silico techniques, such as molecular docking, virtual screening, pharmacophore modeling, molecular dynamics simulations, and residue interaction networks offers insights into pharmacologically active novel molecular entities. It presents a clear concept of the molecular mechanism of different drug targets and explores methods to help understand drug resistance. In addition, it includes chapters dedicated to natural-product- derived medicines, combinatorial drug discovery, the CryoEM technique for structure-based

drug design and big data in drug discovery. The book offers an invaluable resource for graduate and postgraduate students, as well as for researchers in academic and industrial laboratories working in the areas of chemoinformatics, medicinal and pharmaceutical chemistry and pharmacoinformatics.

Antimicrobial Resistance Oct 11 2020 Antimicrobial resistance (AMR) is a global public health threat that needs immediate attention and action from the scientific community. This book compiles and presents the latest and most important aspects of AMR, including the biology involved, its persistence and spread, and novel approaches to tackle this threat. The book first describes the mechanisms and spread of AMR, and then discusses the various approaches and strategies for combating it. Important topics include, microbial pathogenesis, AMR traits and major mechanisms underlying drug-resistance and the emerging strategies and technologies for combating AMR. Emphasis has been given on current developments about natural products including potent phyto-molecules, antimicrobial peptides and endophytes effective against the drug-resistant microbes and target the main drug-resistance determinants (efflux pumps, biofilms, quorum sensing, plasmids, etc.) in these bacterial pathogens. Other exciting topics include applications of nanomaterials in tackling AMR and CRISPR-Cas based precise sequence-specific antimicrobials. This informative book is meant for students and researchers in basic and medical microbiology and biotechnology. It is also useful to public health professionals and industry experts involved in AMR research and related drug-designing.

VANET Aug 09 2020 VANET (vehicular ad hoc network) is a subgroup of MANET (mobile ad hoc network). It enables communication among vehicles on the road and between related infrastructures. This book addresses the basic elements of VANET along with components involved in the communication with their functionalities and configurations. It contains numerous examples, case studies, technical descriptions, scenarios, procedures, algorithms, and protocols, and addresses the different services provided by VANET with the help of a scenario showing a network tackling an emergency. Features: • Covers all important concepts of VANET for beginners and different road scenarios in VANET • Covers essential communication protocols in VANET • Introduces approaches for VANET implementation using simulators • Provides a classification of messages and a priority-based message forwarding strategy This book is aimed at undergraduates, postgraduates, industry, researchers, and research scholars in information and communications technology.

Engineered Nanomaterials and Phytonanotechnology: Challenges for Plant Sustainability Mar 04 2020 Engineered Nanomaterials and Phytonanotechnology: Challenges for Plant Sustainability, Volume 87 in the Comprehensive Analytical Chemistry series, highlights new advances in the field, with this new volume presenting interesting chapters on the Current status of environmental monitoring, Physical principles of infrared, Chemical principles of infrared, Instrumentation and hardware, Data analysis, Sampling, Applications in water, Application in soil and sediments, Applications in ecology of animals and plants, Applications in air monitoring, Applications in contamination, Applications in marine environments, Advantages and pitfalls, and more. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the Comprehensive Analytical Chemistry series Updated release includes the latest information on the field of engineered nanomaterials in plants

Entrepreneurship Development Apr 16 2021 Entrepreneurship is a discipline with a knowledge base theory. It is an outcome of complex socio-economic, psychological, technological, legal and other factors. It is a dynamic and risky process. It involves a fusion of capital, technology and human talent. Entrepreneurship is equally applicable to big and small businesses, to economic and non-economic activities. Entrepreneurship lies more in the ability to minimize the use of resources and put them to maximum advantage. Without any awareness of quality and desire for excellence, consumer acceptance cannot be achieved and sustained. Above all, entrepreneurship today is the product of teamwork and the ability to create, build and work as a team. The entrepreneur is the maestro of the business orchestra, wielding his baton to which the band is played. It is in this context, a study Material on introduction to the subject 'Entrepreneurship Development' is presented to the students of Professional Post-Graduate MBA degree. The book contains the syllabus from basics of the subjects going into the intricacies of the subjects. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. An attempt is made here by the authors to assist the students by way of providing Study Material as per the curriculum with non-commercial considerations. However, it is implicit that these are exam-oriented Study Material and students are advised to attend regular class room classes in the Institute and utilize reference books available in the library for In-depth knowledge. We owe to many websites and their free contents; we would like to specially acknowledge contents of website www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to our authors on tmcnagpur@gmail.com. We shall be glad to help you immediately. Sr. J.D .Wadate I Er. Rahul K. Wadichar I Dr. Mukul Burghate Authors

Evolution of Business Mar 28 2022 Modern trade and business are originated from the civilization of various stages of human beings. The basic needs of human beings are foods, clothes, medical treatment, education etc. To fulfil these needs men were involved with business from the early stage of civilization of human beings. The modern form of business comes from various stages of evolution. It is in this context, a textbook on introduction to the subject of Evolution of Business is presented to the students of Management & Commerce program. The book contains the syllabus from basics of the subjects going into the complexities of the topics. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. However, it is implicit that these are exam-oriented Study Material and students are advised to attend regular class room classes in the Institute and utilize reference books available in the library for In-depth knowledge. We owe to many websites and their free contents; we would like to specially acknowledge contents of website of IGNOU www.egyankosh.ac.in, www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to our authors on tmcnagpur@gmail.com. We shall be glad to help you immediately. Authors:

GIS Based College Information System for University of Pune Feb 12 2021 This book entitled "GIS based College Information System for University of Pune, A case study of PMC and PCMC Area, Maharashtra, India" is the project work carried out under the

BCUD, Savitribai Phule Pune University. This information is highly useful for further educational planning, administration, as well as for researchers. The present work mainly deals with the development of Web-GIS Based College Information System, aims at developing a web application to access spatial data through the browser and developing a web application to facilitate sharing and developed master plan for educational facilities in GIS environment.

ATOMIC AND MOLECULAR PHYSICS Jan 26 2022 The problems are judiciously selected and are given topic and section-wise. The approach is straight forward and step-by step solutions are elaborately provided. More importantly the relevant formulas used for solving the problems can be located in the beginning of each chapter. There are number of diagrams for illustration. Chapter 1 in the book is devoted to Atomic Structure. Chapter 2 is basically concerned One Valence Electron Systems. Chapter 3 is concerned with Two Valence Electron Systems. Chapter 4 is basically related to Zeeman Effect. Chapter 5 is related to X-Ray Spectroscopy. Chapter 6 is concerned with Molecular Spectroscopy and Chapter 7 dealt with Raman Spectroscopy.

Authorization and Access Control Jul 28 2019 This book focuses on various authorization and access control techniques, threats and attack modeling, including an overview of the Open Authorization 2.0 (OAuth 2.0) framework along with user-managed access (UMA) and security analysis. Important key concepts are discussed regarding login credentials with restricted access to third parties with a primary account as a resource server. A detailed protocol overview and authorization process, along with security analysis of OAuth 2.0, are also discussed in the book. Case studies of websites with vulnerability issues are included. **FEATURES** Provides an overview of the security challenges of IoT and mitigation techniques with a focus on authorization and access control mechanisms Discusses a behavioral analysis of threats and attacks using UML base modeling Covers the use of the OAuth 2.0 Protocol and UMA for connecting web applications Includes role-based access control (RBAC), discretionary access control (DAC), mandatory access control (MAC) and permission-based access control (PBAC) Explores how to provide access to third-party web applications through a resource server by use of a secured and reliable OAuth 2.0 framework This book is for researchers and professionals who are engaged in IT security, auditing and computer engineering.

Veterinary Science: Breakthroughs in Research and Practice Sep 21 2021 Modern medicine is changing drastically as new technologies emerge to transform the way in which patients are diagnosed, treated, and monitored. In particular, veterinary medicine is experiencing a tremendous shift as digital innovations are integrated into veterinary practice. *Veterinary Science: Breakthroughs in Research and Practice* contains a compendium of the latest academic material on breakthroughs and recent progress in veterinary science. Including innovative studies on laboratory information management systems, animal welfare, and veterinary reform, this publication is an ideal source for professionals, practitioners, graduate students, and researchers interested in veterinary science.

Engineering Chemistry May 30 2022 Having basic knowledge on all the concepts of Chemistry for engineering students is must need, it makes them as a professional and expert engineer in various design and material fields, along with the usage of available resources. Hence, top government & private universities, small institutes include Engineering Chemistry Subject in 1st semester to provide a basic understanding of the chemical engineering. The purpose of this textbook is to present an introduction to the subject of Engineering Chemistry of Bachelor of Engineering (BE) Semester-I. The book contains the syllabus from basics of the subjects going into the complexities of the subjects. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. An attempt is made here by the experts of TMC to assist the students by way of providing Study text as per the curriculum with non-commercial considerations. We owe to many websites and their free contents; we would like to specially acknowledge contents of website www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to tmcnagpur@gmail.com. We shall be glad to help you immediately.

Introductory Basics Of Chemistry Jun 30 2022 Our Chemistry Reference Book adheres to the scope and sequence of most general chemistry courses nationwide. We strive to make chemistry, as a discipline, interesting and accessible to students. With this objective in mind, the content of this Reference Book has been developed and arranged to provide a logical progression from fundamental to more advanced concepts of chemical science. Topics are introduced within the context of familiar experiences whenever possible, treated with an appropriate rigor to satisfy the intellect of the learner, and reinforced in subsequent discussions of related content. The organization and pedagogical features were developed and vetted with feedback from chemistry educators dedicated to the project. Dr. J. SAI CHANDRA Mr. SANTOSH RAMCHANDRA KSHIRSAGAR Dr. SAMHAJI MAHIPATI KALE Mr. SANDIP PANDURANG GONDAKE Mr. SAGAR INDRAJEET SHINDE

Basics of Civil Engineering Sep 02 2022 Engineering has been an aspect of life since the beginnings of human existence. The earliest practice of civil engineering may have commenced between 4000 and 2000 BC in ancient Egypt, the Indus Valley civilization, and Mesopotamia (ancient Iraq) when humans started to abandon a nomadic existence, creating a need for the construction of shelter. During this time, transportation became increasingly important leading to the development of the wheel and sailing. Civil engineering is the application of physical and scientific principles for solving the problems of society, and its history is intricately linked to advances in the understanding of physics and mathematics throughout history. Because civil engineering is a broad profession, including several specialized sub-disciplines, its history is linked to knowledge of structures, materials science, geography, geology, soils, hydrology, environmental science, mechanics, project management, and other fields. Throughout ancient and medieval history most architectural design and construction was carried out by artisans, such as stonemasons and carpenters, rising to the role of master builder. Knowledge was retained in guilds and seldom supplanted by advances. Structures, roads, and infrastructure that existed were repetitive, and increases in scale were incremental. The purpose of this textbook is to present an introduction to the subject of Basics of Civil Engineering of Bachelor of Engineering (BE) Semester - I. The book contains the syllabus from basics of the subjects going into the intricacies of the subjects. Students are now required to solve minimum Four (4) Assignments based on the Syllabus. Each topic is followed by Assignment Questions which now forms the compulsory part of internal assessment. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. An attempt is made here by the experts of TMC to assist the students by way of providing Study text as per the curriculum with non-commercial considerations. We owe to many websites and their free contents; we would like to specially acknowledge contents of website www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a

room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to tmcnagpur@gmail.com. We shall be glad to help you immediately. Dr. Mukul Burghate Author

Quantitative Decision Making Feb 24 2022 Similar to operations management, project management employs an array of quantitative techniques while performing planning, scheduling, forecasting, and monitoring tasks. The main purpose of the quantitative approach is to make an optimal decision by using mathematical and statistical models in a situation when the probability of all outcomes is uncertain. Quantitative approach to decision-making produces the best results when the problem is clearly defined, several alternatives exist, and decision outcomes are easily measurable. However, in the case that many external factors are outside of the decision-maker's control and their probability is unknown, the quantitative methods can become unreliable. The purpose of this study Material is to present an introduction to the subjects of MBA Semester-I. The contents of this text will also cater to the students of courses like DFM, DMM, M.Com and B.Com, etc. The book contains the syllabus from basics of the subjects going into the intricacies of the subjects. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. An attempt is made here by the experts author to assist the students by way of providing Study Material as per the curriculum with no commercial considerations. However, it is implicit that these are exam-oriented Study Material only and students are advised to attend regular classes and utilize reference books available in the library for In-depth knowledge. We owe to many websites and their free contents; we would like to specially acknowledge contents of website www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Dr. Mukul Burghate Author

The Last Fortress of Congress Dominance Nov 11 2020 Focused mainly on Maharashtra's politics since the 1990s, The Last Fortress of Congress Dominance also provides its readers a clear view of the historical context and the socio-political forces that have dominated the state since the 1950s. The politics of Maharashtra has been woven around two key factors: the Congress party and the Marathas. Attempts by the Shiv Sena and the BJP to emerge as alternatives to the Congress have had only limited success so far. As the state politics witnesses the transition into a new party system, the book presents a detailed study on the party system of Maharashtra and situates the analysis in the broader context of crisis of the Marathas and the many distortions of the state's political economy. Aided by rich survey data from the National Election Studies, for all elections since 1996, the book presents a long-term view of the politics of Maharashtra as the state completes 60 years of its existence.

Using Computational Intelligence for the Dark Web and Illicit Behavior Detection Jun 26 2019 The Dark Web is a known hub that hosts myriad illegal activities behind the veil of anonymity for its users. For years now, law enforcement has been struggling to track these illicit activities and put them to an end. However, the depth and anonymity of the Dark Web has made these efforts difficult, and as cyber criminals have more advanced technologies available to them, the struggle appears to only have the potential to worsen. Law enforcement and government organizations also have emerging technologies on their side, however. It is essential for these organizations to stay up to date on these emerging technologies, such as computational intelligence, in order to put a stop to the illicit activities and behaviors presented in the Dark Web. Using Computational Intelligence for the Dark Web and Illicit Behavior Detection presents the emerging technologies and applications of computational intelligence for the law enforcement of the Dark Web. It features analysis into cybercrime data, examples of the application of computational intelligence in the Dark Web, and provides future opportunities for growth in this field. Covering topics such as cyber threat detection, crime prediction, and keyword extraction, this premier reference source is an essential resource for government organizations, law enforcement agencies, non-profit organizations, politicians, computer scientists, researchers, students, and academicians.

Security Issues and Privacy Threats in Smart Ubiquitous Computing Nov 23 2021 This book extends the work from introduction of ubiquitous computing, to the Internet of things to security and to privacy aspects of ubiquitous computing. The uniqueness of this book is the combination of important fields like the Internet of things and ubiquitous computing. It assumes that the readers' goal is to achieve a complete understanding of IoT, smart computing, security issues, challenges and possible solutions. It is not oriented towards any specific use cases and security issues; privacy threats in ubiquitous computing problems are discussed across various domains. This book is motivating to address privacy threats in new inventions for a wide range of stakeholders like layman to educated users, villages to metros and national to global levels. This book contains numerous examples, case studies, technical descriptions, scenarios, procedures, algorithms and protocols. The main endeavour of this book is threat analysis and activity modelling of attacks in order to give an actual view of the ubiquitous computing applications. The unique approach will help readers for a better understanding.

Higher Education Through Open and Distance Learning Apr 04 2020 Published in association with the Commonwealth of Learning Open and distance learning has expanded dramatically in recent years across the world, across the spectrum of subject areas, and across educational levels. This book takes a detailed look at the state of the art of open and distance learning in higher education, and presents a fascinating picture of a world and its educational culture in transition. This edited collection contains authoritative analyses of key issues together with current accounts of practice in each region of the world. It includes *open and distance learning in relation to internationalisation, lifelong learning and flexible learning *costs of distance education *the impact of telecommunications *applications of open and distance learning in Africa, the Americas, Asia, Europe and Oceania. It draws together experts in the field from all over the world, and has a truly international perspective on the phenomenon of open and distance learning. Its unparalleled breadth of coverage makes it an indispensable work of reference for experts and newcomers alike.

Data Management, Analytics and Innovation Oct 30 2019 The book presents the latest, high-quality, technical contributions and research findings in the areas of data management and smart computing, big data management, artificial intelligence and data analytics, along with advances in network technologies. It discusses state-of-the-art topics as well as the challenges and solutions for future development. It includes original and previously unpublished international research work highlighting research domains from different perspectives. This book is mainly intended for researchers and practitioners in academia and industry.

Microbial Diversity and Ecology in Hotspots Dec 25 2021 Microbial Diversity in Hotspots provides an introduction to microbial diversity and microbes in different hotspots and threatened areas. The book gives insights on extremophiles, phyllosphere and rhizosphere, covers fungal diversity, conservation and microbial association, focuses on biodiversity acts and policies, and includes

cases studies. Microbes explored are from the coldest to the hottest areas of the world. Although hotspots are zones with extremely high microbiology activities, the knowledge of microbial diversity from these areas is very limited, hence this is a welcome addition to existing resources. Provides an introduction to microbial biotechnology Addresses novel approaches to the study of microbial diversity in hotspots Provides the basics, along with advanced information on microbial diversity Discusses the techniques used to examine microbial diversity with their applications and respective pros and cons for sustainability Explores the importance of microbial genomes studies in commercial applications

Scented rice (*Oryza sativa* L.) Cultivars of India: A Perspective on Quality and Diversity Jul 08 2020 This book represents an original research contribution in the area of aroma volatile biochemistry and the molecular analysis of basmati and non-basmati rice cultivars of India. It demonstrates the utility of headspace-solid phase micro extraction (HS-SPME) coupled with the gas chromatography-flame ionization detection (GC-FID) method, an approach that can help to understand not only the different volatiles contributing to pleasant aroma but also the volatile profile that generates the characteristic cultivar-specific aroma. In addition, the book provides detailed information on diversity, grain morphology, physico-chemical and cooking quality assessment, genetic diversity assessment and marker validation for important quality parameters. As such, it offers a valuable ready reference for agriculture scientists, biochemists, researchers and students involved in quality parameters of rice at the regional and global level.

Research Methodology Oct 23 2021 This book offers a design research methodology intended to improve the quality of design research- its academic credibility, industrial significance and societal contribution by enabling more thorough, efficient and effective procedures.

Energy Storage Systems Dec 01 2019 This book discusses generalized applications of energy storage systems using experimental, numerical, analytical, and optimization approaches. The book includes novel and hybrid optimization techniques developed for energy storage systems. It provides a range of applications of energy storage systems on a single platform. The book broadly covers—thermal management of electronic components in portable electronic devices; modeling and optimization aspects of energy storage systems; management of power generation systems involving renewable energy; testing, evaluation, and life cycle assessment of energy storage systems, etc. This book will serve as a reference resource for researchers and practitioners in academia and industry.

Management Information Systems Nov 04 2022 The book has the purpose of developing understanding of management information systems with emphasis on concepts and implications.

INTRODUCTION TO HUMAN GEOGRAPHY Oct 03 2022 This book covers the entire syllabus of FYBSc Semester II. New course of Savitribai Phule Pune University, Pune effective from June 2019 onwards. This book has been written to fulfill the basic concepts. Some of the features of the book are observation, perception, alysis, critical thinking and understand the relationship between ture and Human society.

Proceeding of First Doctoral Symposium on Natural Computing Research Jun 06 2020 The book is a collection of papers presented at First Doctoral Symposium on Natural Computing Research (DSNCR 2020), held during 8 August 2020 in Pune, India. The book covers different topics of applied and natural computing methods having applications in physical sciences and engineering. The book focuses on computer vision and applications, soft computing, security for Internet of Things, security in heterogeneous networks, signal processing, intelligent transportation system, VLSI design and embedded systems, privacy and confidentiality, big data and cloud computing, bioinformatics and systems biology, remote healthcare, software security, mobile and pervasive computing, biometrics-based authentication, natural language processing, analysis and verification techniques, large scale networking, distributed systems, digital forensics, and human–computer interaction.

Foundation of Managerial Effectiveness Mar 16 2021 Managers are responsible for keeping their employees on track and productive. Manager effectiveness depends on communication, leadership and other skills. If you're a manager, it's important to improve your management effectiveness to help you manage your employees as well as possible. In this textbook, we shall discuss the definition of manager effectiveness, why manager effectiveness is important and tips you can use to improve manager effectiveness. It is in this context, a textbook on introduction to the subject of Foundation of Managerial Effectiveness is presented to the students of Management & Commerce program. The book contains the syllabus from basics of the subjects going into the complexities of the topics. All the concepts have been explained with relevant examples and diagrams to make it interesting for the readers. However, it is implicit that these are exam-oriented Study Material and students are advised to attend regular class room classes in the Institute and utilize reference books available in the library for In-depth knowledge. We owe to many websites and their free contents; we would like to specially acknowledge contents of website of IGNOU www.egyankosh.ac.in, www.wikipedia.com and various authors whose writings formed the basis for this book. We acknowledge our thanks to them. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions regarding this study material from the readers so that the contents can be made more interesting and meaningful. Readers can email their queries and doubts to our authors on tmcnagpur@gmail.com. We shall be glad to help you immediately. Authors: Dr. Mukul Burghate and Dr. Sunil Ikharkar

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