

## Br Patil Bee

Karmveer Bhaurao Patil an Egalitarian Nativist Superfood and Functional Food Sustainable Agriculture–Beyond Organic Farming Economics of Social Welfare in India Data Mining: Concepts and Techniques Bee Products Journal of Maharashtra Agricultural Universities Small Bite, Big Threat Proceeding of International Conference on Computational Science and Applications Microservices in Big Data Analytics Information and Communication Technology for Intelligent Systems Basic Electrical Engineering Intelligent Systems Technologies and Applications 2016 Microbiota of the Human Body Index Medicus Artificial Intelligence and Evolutionary Computations in Engineering Systems Bee Products - Chemical and Biological Properties Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAC-CVB) Microbial Biotechnology in Environmental Monitoring and Cleanup Basic Electrical and Electronics Engineering No Laughing Matter Information Technology and Mobile Communication Indian Science Abstracts B.R. Verma's Commentaries on Mohammedan Law in India, Pakistan & Bangladesh Basic Electrical And Electronics Engineering Advances in Genomics and Epigenomics of Social Insects Conciliation in India Library of Congress Name Headings with References Basic Electrical Engineering BASIC ELECTRICAL ENGINEERING Probiotics and Prebiotics in Animal Health and Food Safety Basic Electrical Engineering Textbook of Environmental Studies for Undergraduate Courses Molecular Science for Drug Development and Biomedicine Advances in Smart Grid and Renewable Energy National Union Catalog Pollination Biology Proceedings of International Conference on Wireless Communication Dalit Feminist Theory Basic Electrical and Electronics Engineering:

### **Karmveer Bhaurao Patil an Egalitarian Nativist**

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

## **Superfood and Functional Food**

1 Elementary Concepts 2 Magnetic Circuits 3 Electromagnetic Induction 4 Single Phase Transformers 5 Electrostatics 6 A C fundamentals 7 Single Phase A C circuits 8 Three Phase A C Circuits 9 D C Circuits Appendix

## **Sustainable Agriculture-Beyond Organic Farming**

## **Economics of Social Welfare in India**

## **Data Mining: Concepts and Techniques**

These are the proceedings of the International Conference on ISMAC-CVB, held in Palladam, India, in May 2018. The book focuses on research to design new analysis paradigms and computational solutions for quantification of information provided by object recognition, scene understanding of computer vision and different algorithms like convolutional neural networks to allow computers to recognize and detect objects in images with unprecedented accuracy and to even understand the relationships between them. The proceedings treat the convergence of ISMAC in Computational Vision and Bioengineering technology and includes ideas and techniques like 3D sensing, human visual perception, scene understanding, human motion detection and analysis, visualization and graphical data presentation and a very wide range of sensor modalities in terms of surveillance, wearable applications, home automation etc. ISMAC-CVB is a forum for leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of computational vision and bioengineering.

## **Bee Products**

Pollutants are increasing day by day in the environment due to human interference. Thus, it has become necessary to find solutions to clean up these hazardous pollutants to improve human, animal, and plant health. Microbial Biotechnology in Environmental Monitoring and Cleanup is a critical scholarly resource that examines the toxic hazardous substances and their impact on the environment. Featuring coverage on a broad range of topics such as pollution of microorganisms, phytoremediation, and bioremediation, this book is geared towards academics, professionals, graduate students, and practitioners interested in emerging techniques for environmental decontamination.

## **Journal of Maharashtra Agricultural Universities**

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily

## **Small Bite, Big Threat**

This book has a wider approach not strictly focused on crop production compared to other books that are strictly oriented towards bees, but has a generalist approach to pollination biology. It also highlights relationships between introduced and wild pollinators and consequences of such introductions on communities of wild pollinating insects. The chapters on biochemical basis of plant-pollination interaction, pollination energetics, climate change and pollinators and pollinators as bioindicators of ecosystem functioning provide a base for future insights into pollination biology. The role of honeybees and wild bees on crop pollination, value of bee pollination, planned honeybee pollination, non-bee pollinators, safety of pollinators, pollination in cages, pollination for hybrid seed production, the problem of diseases, genetically modified plants and bees, the role of bees in improving food security and livelihoods, capacity building and awareness for pollinators are also discussed.

## **Proceeding of International Conference on Computational Science and Applications**

The Importance Of Environmental Studies Cannot Be Disputed Since The Need For Sustainable Development Is A Key To The Future Of Mankind. Recognising This, The Honourable Supreme Court Of India Directed The Ugc To Introduce A Basic Course On Environmental Education For Undergraduate Courses In All Disciplines, To Be Implemented By Every University In The Country. Accordingly, The Ugc Constituted An Expert Committee To Formulate A Six-Month Core Module Syllabus For Environmental Studies. This Textbook Is The Outcome Of The Ugc S Efforts And Has Been Prepared As Per The Syllabus. It Is Designed To Bring About An Awareness On A Variety Of Environmental Concerns. It Attempts To Create A Pro-Environmental Attitude And A Behavioural Pattern In Society That Is Based On Creating Sustainable Lifestyles And A New Ethic Towards Conservation. This Textbook Stresses On A Balanced View Of Issues That Affect Our Daily Lives. These Issues Are Related To The Conflict Between Existing `Development Strategies And The Need For `Conservation . It Not Only Makes The Student Better Informed On These Concerns, But Is Expected To Lead The Student Towards Positive Action To Improve The Environment. Based On A Multidisciplinary Approach That Brings About An Appreciation Of The Natural World And Human Impact On Its Integrity, This Textbook Seeks Practical Answers To Make Human Civilization Sustainable On The Earth S Finite Resources. Attractively Priced At Rupees One Hundred And Fifteen Only, This Textbook Covers The Syllabus As Structured By The Ugc, Divided Into 8 Units And 50 Lectures. The First 7 Units, Which Cover 45 Lectures Are Classroom Teaching-Based, And Enhance Knowledge Skills And Attitude To Environment. Unit 8 Is Based On Field Activities To Be Covered In 5 Lecture Hours And Would Provide Students With First Hand Knowledge On Various Local Environmental Issues.

## **Microservices in Big Data Analytics**

Electrical Engineering Essence of electricity, Conductors, Semiconductors and insulators (elementary treatment only); Electric field, electric current, Potential and potential difference, Electromotive force, Electric power, Ohm's law, Basic circuit components, Electromagnetism related laws, Magnetic field due to electric current

flow, Force on a current carrying conductor placed in a magnetic field, Faradays laws of electromagnetic induction. Types of induced EMF's, Kirchhoff's laws, Simple problems. Network Analysis Basic definitions, Types of elements, types of sources, Resistive networks, Inductive networks, Capacitive networks, Series parallel circuits, Star delta and delta star transformation, Network theorems-Superposition, Thevenin's, Maximum power transfer theorems and simple problems. Magnetic Circuits Basic definitions, Analogy between electric and magnetic circuits, Magnetization characteristics of Ferro magnetic materials, Self inductance and mutual inductance, Energy in linear magnetic systems, Coils connected in series, Attracting force or electromagnets. Alternating Quantities Principle of ac voltages, Waveforms and basic definitions, Relationship between frequency, Speed and number of poles, Root mean square and average values of alternating currents and voltage, form factor and peak factor, Phasor representation of alternating quantities, The J operator and phasor algebra, analysis of ac circuits with single basic network element, single phase series circuits, Single phase parallel circuits, Single phase series parallel circuits, Power in ac circuits. Transformers Principles of operation, Constructional details, Ideal Transformer and Practical Transformer, Losses, Transformer Test, Efficiency and Regulation Calculations. Direct current machines Principle of operation of dc machines, Armature windings, E.M.F. equation in a dc machine, Torque production in a dc machine, Operation of a dc machine as a generator, Operation of a dc machine as a motor. A.C. Machines Three phase induction motor, principle of operation, Slip and rotor frequency, Torque (simple problems). Synchronous Machines Principle of operation, EMF equation (Simple problems on EMF). Synchronous motor principle and operation (Elementary treatment only) Basic Instrument Classification of instruments, Operating principles, Essential features of measuring instruments, Moving coil permanent magnet (PMMC) instruments, Moving Iron of Ammeters and Voltmeters (elementary treatment only).

## **Information and Communication Technology for Intelligent Systems**

This book is a printed edition of the Special Issue "Sustainable Agriculture-Beyond Organic Farming" that was published in Sustainability

## **Basic Electrical Engineering**

This book discusses the role of probiotics and prebiotics in maintaining the health status of a broad range of animal groups used for food production. It also highlights the use of beneficial microorganisms as protective agents in animal derived foods. The book provides essential information on the characterization and definition of probiotics on the basis of recently released guidelines and reflecting the latest trends in bacterial taxonomy. Last but not least, it discusses the concept of "dead" probiotics and their benefits to animal health in detail. The book will benefit all professors, students, researchers and practitioners in academia and industry whose work involves biotechnology, veterinary sciences or food production.

## **Intelligent Systems Technologies and Applications 2016**

This book constitutes the thoroughly refereed proceedings of the second International Symposium on Intelligent Systems Technologies and Applications (ISTA'16), held on September 21-24, 2016 in Jaipur, India. The 80 revised papers presented were carefully reviewed and selected from 210 initial submissions and are organized in topical sections on image processing and artificial vision, computer networks and distributed systems, intelligent tools and techniques and applications using intelligent techniques.

## **Microbiota of the Human Body**

## **Index Medicus**

This book focuses on the usage and application of plant- and animal-based food products with significant functional properties and health benefits as well as their development into processed food. Many chapters in this book contain overviews on superfood and functional food from South America. Details on the functional properties of apiculture products are also included herein. Additionally, an area that is not widely discussed in academia - pet food with functional properties - is also covered. It is hoped that this book will serve as a source of knowledge and information to make better choices in food consumption and alterations to dietary patterns. It is also recommended for readers to take a look at a related book, Superfood and Functional Food - The Development of Superfoods and Their Roles as Medicine.

## **Artificial Intelligence and Evolutionary Computations in Engineering Systems**

## **Bee Products - Chemical and Biological Properties**

The nature and diversity of presentations at the conference on: "Bee Products: Properties, Applications and Apitherapy" held at Tel-Aviv on May 26--30, 1996, emphasize the increasing interest of physicians, practitioners, scientists, herbalists, dieticians, cosmeticians, microbiologists, and beekeepers in different facets of bee products. This volume consists of a selection of 31 contributions presented at the conference and which provide information on the present status of our knowledge in this area. In spite of their diversity, they reflect the mainstream of the conference, namely: "Imported" Products (honey, pollen and propolis), Exocrine Secretions of Workers (venom, royal jelly). Toxicity and Contaminants, Quality Control, Marketing, Apitherapy, Cosmetics, etc. Since antiquity, honey as well as other bee products were used as food, as a cure for ailments of humans and animals, and as cosmetics. We hope that this volume will contribute to interdisciplinary studies on chemical composition, pharmacological effects, nutrition, and other aspects of bee products. Critical and unbiased experimental research may unravel the yet unknown composition and mode of action of bee products and elucidate many unanswered questions. The noteworthy features of this conference were the participants from all parts of the world and of different cultural backgrounds, who shared their keen interest and curiosity

regarding honey bees and their products. We thank all of them for their personal contribution to the success of this conference.

## **Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAL-CVB)**

### **Microbial Biotechnology in Environmental Monitoring and Cleanup**

Social insects are among the most successful and ecologically important animals on earth. The lifestyle of these insects has fascinated humans since prehistoric times. These species evolved a caste of workers that in most cases have no progeny. Some social insects have worker sub-castes that are morphologically specialized for discrete tasks. The organization of the social insect colony has been compared to the metazoan body. Males in the order Hymenoptera (bees, ants and wasps) are haploid, a situation which results in higher relatedness between female siblings. Sociality evolved many times within the Hymenoptera, perhaps spurred in part by increased relatedness that increases inclusive fitness benefits to workers cooperating to raise their sisters and brothers rather than reproducing themselves. But epigenetic processes may also have contributed to the evolution of sociality. The Hymenoptera provide opportunities for comparative study of species ranging from solitary to highly social. A more ancient clade of social insects, the termites (infraorder Isoptera) provide an opportunity to study alternative mechanisms of caste determination and lifestyles that are aided by an array of endosymbionts. This research topic explores the use of genome sequence data and genomic techniques to help us explore how sociality evolved in insects, how epigenetic processes enable phenotypic plasticity, and the mechanisms behind whether a female will become a queen or a worker.

### **Basic Electrical and Electronics Engineering**

This book constitutes the refereed proceedings of the International Conference on Advances in Information Technology and Mobile Communication, AIM 2011, held at Nagpur, India, in April 2011. The 31 revised full papers presented together with 27 short papers and 34 poster papers were carefully reviewed and selected from 313 submissions. The papers cover all current issues in theory, practices, and applications of Information Technology, Computer and Mobile Communication Technology and related topics.

### **No Laughing Matter**

### **Information Technology and Mobile Communication**

The book consists of high-quality papers presented at the International Conference on Computational Science and Applications (ICCSA 2019), held at Maharashtra Institute of Technology World Peace University, Pune, India, from 7 to 9 August 2019. It covers the latest innovations and developments in information and

communication technology, discussing topics such as soft computing and intelligent systems, web of sensor networks, drone operating systems, web of sensor networks, wearable smart sensors, automated guided vehicles and many more.

## **Indian Science Abstracts**

### **B.R. Verma's Commentaries on Mohammedan Law in India, Pakistan & Bangladesh**

Mosquitoes are significant vectors that transmit various pathogens to humans and other mammals. Mosquitoes seem to be omnipresent and easily breed in climates favourable to them. Life cycle of the Aedes species of mosquitoes is similar to others of its genera. This book focuses on Aedes mosquitoes that are responsible for many dreadful diseases and discusses every stage in the life cycle of the species. The contributing authors of this book have extensive teaching and research experience in the field of detection of viruses of Dengue, Chikungunya, yellow fever and West Nile. One of the contributing authors, Prof. Vinod Joshi, has researched on Dengue viruses for 17 years. The book provides a detailed account of the distribution of Aedes mosquitoes, their role as a vector and their control through various methods. Currently, there has been increased interest among researchers to mitigate the threat caused by Aedes mosquitoes and substantial investigation is being done on the mosquito's history, in characterizing present circumstances and to collaborate future efforts.

## **Basic Electrical And Electronics Engineering**

### **Advances in Genomics and Epigenomics of Social Insects**

Microbes can now be found in nearly every niche the human body offers. However, the complexity of the microbiota of a given site depends on the particular environmental condition thereof. Only microbes which are able to grow under these conditions, will prevail. Recent publications imply that the microorganisms do not only have multiple, critical consequences for host physiological processes such as postnatal development, immunomodulation and energy supply, but also effects on neurodevelopment, behavior and cognition. Within this book we will focus on the techniques behind these developments, epigenomics and on the various parts of the human body which are inhabited by microorganism such as the mouth, the gut, the skin and the vagina. In addition, chapters are dedicated to the possible manipulations of the microbiota by probiotics, prebiotics and faecal transplantation.

## **Conciliation in India**

### **Library of Congress Name Headings with References**

The book gathers papers addressing state-of-the-art research in all areas of Information and Communication Technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the third International Conference on Information and Communication Technology for Intelligent Systems, which was held on April 6-7, 2018, in Ahmedabad, India. Divided into two volumes, the book discusses the fundamentals of various data analytics and algorithms, making it a valuable resource for researchers' future studies.

## **Basic Electrical Engineering**

These proceedings gather cutting-edge papers exploring the principles, techniques, and applications of Microservices in Big Data Analytics. The ICETCE-2019 is the latest installment in a successful series of annual conferences that began in 2011. Every year since, it has significantly contributed to the research community in the form of numerous high-quality research papers. This year, the conference's focus was on the highly relevant area of Microservices in Big Data Analytics.

## **BASIC ELECTRICAL ENGINEERING**

Includes entries for maps and atlases.

## **Probiotics and Prebiotics in Animal Health and Food Safety**

Dalit Feminist Theory: A Reader radically redefines feminism by introducing the category of Dalit into the core of feminist thought. It supplements feminism by adding caste to its study and praxis; it also re-examines and rethinks Indian feminism by replacing it with a new paradigm, namely, that caste-based feminist inquiry offers the only theoretical vantage point for comprehensively addressing gender-based injustices. Drawing on a variety of disciplines, the chapters in the volume discuss key themes such as Indian feminism versus Dalit feminism; the emerging concept of Dalit patriarchy; the predecessors of Dalit feminism, such as Phule and Ambedkar; the meaning and value of lived experience; the concept of Difference; the analogical relationship between Black feminism and Dalit feminism; the intersectionality debate; and the theory-versus-experience debate. They also provide a conceptual, historical, empirical and philosophical understanding of feminism in India today. Accessible, essential and ingenious in its approach, this book is for students, teachers and specialist scholars, as well as activists and the interested general reader. It will be indispensable for those engaged in gender studies, women's studies, sociology of caste, political science and political theory, philosophy and feminism, Ambedkar studies, and for anyone working in the areas of caste, class or gender-based discrimination, exclusion and inequality.

## **Basic Electrical Engineering**

## **Textbook of Environmental Studies for Undergraduate Courses**

This book is a printed edition of the Special Issue "Molecular Science for Drug Development and Biomedicine" that was published in IJMS

## **Molecular Science for Drug Development and Biomedicine**

The book is a collection of high-quality peer-reviewed research papers presented in the International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES 2017). The book discusses wide variety of industrial, engineering and scientific applications of the emerging techniques. Researchers from academia and industry have presented their original work and ideas, information, techniques and applications in the field of communication, computing and power technologies.

## **Advances in Smart Grid and Renewable Energy**

The book comprises selected papers presented at the International Conference on Wireless Communication (ICWiCOM), which is organized by D. J. Sanghvi College of Engineering's Department of Electronics and Telecommunication Engineering. The book focuses on specific topics of wireless communication, like signal and image processing applicable to wireless domains, networking, microwave and antenna design, and telemedicine systems. Covering three main areas - networking, antenna designs and embedded systems applicable to communication - it is a valuable resource for postgraduate and doctoral students.

## **National Union Catalog**

This book presents an updated discussion of the chemical composition and biological properties of the main bee products. Specific attention is focused on the beneficial biological activities of bee products in human health. Honey, royal jelly, propolis, bee pollen and bee venom are used as nutriment and in traditional medicine. Their composition is rather variable and depends on the floral source and external factors, such as seasonal, environmental conditions and processing. Bee products are rich in several essential nutrients and non essential nutrients, as sugars, minerals, proteins, free amino acids, vitamins, enzymes and polyphenols, that seem to be closely related to their biological functions. The effects of these products in nutrition, aging and age-related diseases, cancer, neurodegenerative diseases and pathogen infections are discussed.

## **Pollination Biology**

D.C. CircuitsCircuits : Identifying the elements and the connected terminology, Kirchhoff's laws - Statement and illustration, Method of solving circuits by Kirchhoff's laws, Computation of resistance at constant temperature, Temperature dependence of resistance, Computation of resistance at different temperatures, Ohm's law - Statement, Illustration and limitation, Units - Work, Power and energy (electrical, thermal and mechanical)A.C. FundamentalsGeneration of alternating emf, Concept of 3-phase EMF generation, Root mean square or effective value, Average value of A.C., Phasor representation of alternating quantities, Analysis of A.C. circuit representation of alternating quantities in rectangular and polar forms,

Introduction of resistors, Conductors and capacitors, R-L series circuits, R-C series circuits, R-L-C series circuits, Admittance and its components, Resonance in series and parallel, Analysis of simple 3-phase system, Star-delta connections and conversion. Magnetic Circuits and Machines Comparison between magnetic and electric circuits, Electromagnetic induction, Magnetic effects of electric current, Current carrying conductor in magnetic field, Law of electromagnetic induction, Self inductance, Mutual inductance, coupling coefficient between two magnetically coupled circuits. Transformer : Principle, construction, working, efficiency, application. D.C. Generator : Principle, construction, working, application. D.C. motor : Principle, construction, working, application. Three phase induction motor : Principle, construction, working, application. Measuring Instruments Classification of instruments, Basic principles of indicating instruments, Moving iron instruments - Attraction and repulsion type, Moving coil instruments - Permanent magnet - Dynamometer type, Induction type energy meter, Multimeters fundamentals of analog and digital multimeter. Transducers Capacitive transducer, Inductive transducers, Linear variable differential transformer (LVDT), Potentiometric transducer, Electrical strain gauges, Thermistor, Thermocouple, Hall effect, Piezoelectric transducer, Photoelectric transducer. Semiconductor Devices Principle of operation; Characteristic and application of PN junction diode, Zener diode, Bipolar junction, Field effect transistor, Thyristor, Opto-electronics devices, Rectifiers. Integrated Circuits Linear ICs, Digital ICs, Linear ICs : PIN diagram and its description for IC741, IC555, IC78XX series (Regulator ICs), Digital ICs : 74XX series ICs. Digital Electronics Binary number system, Octal and hexadecimal, Logic Galleries, Introduction and truth tables, Flip flops and the truth tables; R-S, J-K, D and T.

## **Proceedings of International Conference on Wireless Communication**

## **Dalit Feminist Theory**

## **Basic Electrical and Electronics Engineering:**

This volume comprises select proceedings of ETAEERE-2016. The volume offers state-of-the-art chapters on energy management systems (EMS), renewable energy resources, micro-generation, green communications architectures and frameworks, green computing and education as well as energy-aware process optimization. The contents covers a wide variety of topics and aspects including management of renewable energy systems and environmental challenges. The contents of this volume will be useful to researchers and practicing engineers working in the areas of smart grids and renewable energy generation, distribution, and management.

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