

## Bharathiar University Previous Model Question Papers

In this issue, there are 17 papers published: Paper 1: Bertrand curves pair, Smarandache curves Paper 2: Dual Lorentzian space, dual curve, dual curves of constant breadth, Bishop frame. Paper 3:  $(r, m, k)$ -regular fuzzy graph. Paper 4: edge-antimagic labeling. Paper 5: Ruled surfaces, curve, geodesic. Paper 6: Quart symmetric metric connection. Paper 7: Smarandachely  $k$ -signed graph. Paper 8: Common fixed point, rational expression. Paper 9: Smarandachely binding number. Paper 10: Wiener index, quasi-total graph. Paper 11: Transformation graph. Paper 12: Probabilistic bounds on weak and strong total domination in graphs. Paper 13: Smarandachely quotient cordial labeling. Paper 14: Nonholonomic Frames for Finsler Space. Paper 15:  $b$ -chromatic number of graphs. Paper 16: Strong definin numbers in graph. Paper 17: A Report on the Promoter Dr. Linfan Mao of Mathematical Combinatorics by your name.

A scholarly work examining the continuing evolution of the magazine—part of the popular Handbooks in Media and Communication series The Handbook of Magazine Studies is a wide-ranging study of the ways in which the political economy of magazines has dramatically shifted in recent years—and continues to do so at a rapid pace. Essays from emerging and established scholars explore the cultural function of magazine media in light of significant changes in content delivery, format, and audience. This volume integrates academic examination with pragmatic discussion to explore contemporary organizational practices, content, and cultural impact. Offering original research and fresh insights, thirty-six chapters provide a truly global perspective on the conceptual and historical foundations of magazines, their organizational cultures and narrative strategies, and their influences on society, identities, and lifestyle. The text addresses topics such as the role of advocacy in shaping and changing magazine identities, magazines and advertising in the digital age, gender and sexuality in magazines, and global magazine markets. Useful to scholars and educators alike, this book: Discusses media theory, academic research, and real-world organizational dynamics Presents essays from both emerging and established scholars in disciplines such as art, geography, and women's studies Features in-depth case studies of magazines in international, national, and regional contexts Explores issues surrounding race, ethnicity, activism, and resistance Whether used as a reference, a supplementary text, or as a catalyst to spark new research, The Handbook of Magazine Studies is a valuable resource for students, educators, and scholars in fields of mass media, communication, and journalism.

In the recent years there has been rapid advances in the field of Digital Electronics and Microprocessor. This book is intended to help students to keep pace with the latest developments. The Present book is revised version of earlier book 'Introduction to Digital Computers' by the same author. Now this book is written in a lucid and simple language, which gives clear explanation of basics of Digital Electronics, Computers and microprocessors.

The widespread opinion is that Northrop Frye's influence reached its zenith in the 1960s and 1970s, after which point he became obsolete, his work buried in obscurity. This almost universal opinion is summed up in Terry Eagleton's 1983 rhetorical question, "Who now reads Frye?" In *The Reception of Northrop Frye*, Robert D. Denham catalogues what has been written about Frye – books, articles, translations, dissertations and theses, and reviews – in order to demonstrate that the attention Frye's work has received from the beginning has progressed at a geomantic rate. Denham also explores what we can discover once we have a fairly complete record of Frye's reception in front of us – such as Hayden White's theory of emplotment applied to historical writing and Byron Almén's theory of musical narrative. The sheer quantity of what has been written about Frye reveals that the only valid response to Eagleton's rhetorical question is "a very large and growing number," the growth being not incremental but exponential.

Recent Trends and Techniques

Sovereignty, Space and Civil War in Sri Lanka

Principles Of Fluid Mechanics And Fluid Machines (second Edition)

Strategic Information Systems: Concepts, Methodologies, Tools, and Applications

*The Reception of Northrop Frye*

This book provides a strong foundation in Quantitative Methods for management students who come from different disciplines. It has been designed according to the latest syllabi of the Bharathiar University and Anna University. The book is prepared with utmost care and rules out the necessity of referring any other book as it is self-contained. This book will surely prove to be a good reference book for both the students and teachers.

This book is aimed at generating an updated reservoir of scientific endeavors undertaken to unravel the complicated yet intriguing topic of neurodegeneration. Scientists from Europe, USA and India who are experts in the field of neurodegenerative diseases have contributed to this book. This book will help readers gain insight into the recent knowledge obtained from *Drosophila* model, in understanding the molecular mechanisms underlying neurodegenerative disorders and also unravel novel scopes for therapeutic interventions. Different methodologies available to create humanized fly models that faithfully reflect the pathogenicities associated with particular disorders have been described here. It also includes information on the exciting area of neural stem cells. A brief discussion on neurofibrillary tangles, precedes the elaborate description of lessons learnt from *Drosophila* about Alzheimer's, Parkinson's, Spinomuscular Atrophy, Huntington's diseases, RNA expansion disorders and Hereditary Spastic Paraplegia. We have concluded the book with the use of *Drosophila* for identifying pharmacological therapies for neurodegenerative disorders. The wide range of topics covered here will not only be relevant for beginners who are new to the concept of the extensive utility of *Drosophila* as a model to study human disorders; but will also be an important contribution to the scientific community, with an insight into the paradigm shift in our understanding of neurodegenerative disorders. Completed with informative tables and communicative illustrations this book will keep the readers glued and intrigued. We have comprehensively anthologized the lessons learnt on neurodegeneration from *Drosophila* and have thus provided an insight into the multidimensional aspects of pathogenicities of majority of the neurodegenerative disorders. This book has been developed with a focus on the need to demystify the subject and make it easy for students to grasp the principles and details involved, and make it easily understandable to beginners exposed to the subject for the first time. An attempt has been made to explain things in a logical progression, in the simplest possible way so that neophytes

may quickly grasp the concepts and methodology. A novel approach in the book is the illustrative use of computers with TORA package, as a problem-solving tool. In actual practice, situations arise with large and complex problems that are difficult to solve. At such times, using computers to solve problems gives fast and more accurate results. The chapters are arranged so as to progressively explain the workings of various models in actual practice through step-by-step procedures that so simplify and solve them, that even students from a non-mathematics academic background will grasp them quickly. Linear programming, the most powerful tool for managerial decision-making is covered elaborately, including thorough discussion of various LP methods and LP solutions, Duality in LP problems, sensitivity analysis, etc. Models in the book also use Linear Programming to reach solutions including those relating to transportation and transshipment, assignment, and Game Theory&illustrated with screen-shots of a computer with a TORA package. Readers whether students, business executives, managers, researchers and academicians will find that the insights and knowledge obtained from the book will stand them in good stead in both academic as well as occupational pursuits.

Modern Physics, 18th Edition S. Chand Publishing

The International Journal of Indian Psychology, Volume 4, Issue 1, No. 80

Bibliographie générale sur les monts Nilgiri de l'Inde du sud 1603-1996

Developing the Next Generation Learners in this Digital Era (Vol. I)

How I Created a Successful Company and How You Can Too!

E-Pedagogy for the Digital Age

The International Journal of Indian Psychology (e-ISSN 2348-5396 | P-ISSN 2349-3429) is an psychological peer-reviewed, academic journal that examines the intersection of Psychology, Education, and Home science. The journal is an international electronic and print journal published in quarterly.

Analyses of the Sri Lankan civil war (1983–2009) overwhelmingly represent it as an ethnonationalist contest, prolonging postcolonial arguments on the creation and dissolution of the incipient nation-state since independence in 1948. While colonial divide-and-rule policies, the rise of ethnonationalist lobbies, structural discrimination and majoritarian democracy have been established as grounds for inter-ethnic hostility, there are other significant transformative forces that remain largely unacknowledged in postcolonial analyses. This ambitious multiscalar spatial study of civil war in Sri Lanka offers an intersectional, de-ethnicised analysis of political sovereignty drawn out by the struggle for territory. Based on vital retrospective findings from the five-year postwar period, when wartime hostilities were still festering, it convincingly links ethnonationalism to postnational border politics, marketisation, militarised securitisation and illiberal democracy. This book argues that internecine conflict exposes the implicit violence within nation-state formations; mass human displacements heighten collective and individual ontological insecurity and neoliberalism makes the nation porous in unforeseen ways. Based around three themes – normative spaces, human mobilities and exilic states – it is organised into ten comprehensive, chapter-based

explorations of a range of spatial units, including homes, cities, routes, camps and experiences of ruin that were irrevocably politicised by protracted conflict. Focusing on their material transformations over a thirty-seven-year period, the book explores what can be known of the war if we look beyond ethnicity to other salient, shared geographical features of this embattled history. The book uncovers how fealty to exclusionary cultures of political sovereignty aligns us with their violence, limiting our capacity for empathy, a boundary seemingly exacerbated by neoliberal opportunities. Making use of Sri Lanka as a case study to test geographic, architectural and urban methodologies for understanding violence, this book acts as a provocation to rethink current readings of the particular case study while reflecting on the more general impact of marketisation and militarisation in Asia. It will be of interest to an interdisciplinary audience, including those scholars interested in South Asian history, politics and civil war, South Asian studies, border studies, geography and architecture and urban studies. This book explores the emergence of digital humanities in the Indian context. It looks at how online and digital resources have transformed classroom and research practices. It examines some fundamental questions: What is digital humanities? Who is a digital humanist? What is its place in the Indian context? The chapters in the volume: □ study the varied practices and pedagogies involved in incorporating the 'digital' into traditional classrooms; □ showcase how researchers across disciplinary lines are expanding their scope of research, by adding a 'digital' component to update their curriculum to contemporary times; □ highlight how this has also created opportunities for researchers to push the boundaries of their pedagogy and encouraged students to create 'live projects' with the aid of digital platforms; and □ track changes in the language of research, documentation, archiving and reproduction as new conversations are opening up across Indian languages. A major intervention in the social sciences and humanities, this book will be of great interest to scholars and researchers of media studies, especially new and digital media, education, South Asian studies and cultural studies.

Outcome-Based Education (OBE) is a vibrant model and considered as a giant leap forward to improve higher education and assists all graduates contend with their global counterparts. It is a student-centered tutoring conception that focuses on measuring student performance through outcomes. The Higher Education Institutions (HEIs) should frame appropriate course outcome, program outcome and these outcomes should correlate with institutional objectives. But the actual success lies in the effective implementation and rigid accreditation process to ensure the quality of education. Hence, it is

imperative to analyze the strength, weakness of the model and practical difficulties in case of implementation. This study reveals basic concepts, Implementation Strategies and OBE practices and standards. The OBE-Steering Committee in each HEI offers ideas to frame Newfangled Curriculum with finest outcome and effective teaching methods with ICT tools and evaluation pattern based on blooms taxonomy.

Lok Sabha Debates

First International Conference, RTIP2R 2016, Bidar, India, December 16-17, 2016, Revised Selected Papers

Fundamental of Microprocessors & its Application

The International Journal of Indian Psychology, Volume 4, Issue 1, No. 75

Cost Accounting: As per the syllabus of B.Com (Hons.)

**This book examines the fundamentals and technologies of Artificial Intelligence (AI) and describes their tools, challenges, and issues. It also explains relevant theory as well as industrial applications in various domains, such as healthcare, economics, education, product development, agriculture, human resource management, environmental management, and marketing. The book is a boon to students, software developers, teachers, members of boards of studies, and researchers who need a reference resource on artificial intelligence and its applications and is primarily intended for use in courses offered by higher education institutions that strive to equip their graduates with Industry 4.0 skills. FEATURES: Gender disparity in the enterprises involved in the development of AI-based software development as well as solutions to eradicate such gender bias in the AI world A general framework for AI in environmental management, smart farming, e-waste management, and smart energy optimization The potential and application of AI in medical imaging as well as the challenges of AI in precision medicine AI 's role in the diagnosis of various diseases, such as cancer and diabetes The role of machine learning models in product development and statistically monitoring product quality Machine learning to make robust and effective economic policy decisions Machine learning and data mining approaches to provide better video indexing mechanisms resulting in better searchable results ABOUT THE EDITORS: Prof. Dr. P. Kaliraj is Vice Chancellor at Bharathiar University, Coimbatore, India. Prof. Dr. T. Devi is Professor and Head of the Department of Computer Applications, Bharathiar University, Coimbatore, India.**

The mathematical combinatorics is a subject that applying combinatorial notion to all mathematics and all sciences for understanding the reality of things in the universe. The International J. Mathematical Combinatorics is a fully refereed international journal, sponsored by the MADIS of Chinese Academy of Sciences and published in USA quarterly, which publishes original research papers and survey articles in all aspects of mathematical combinatorics, Smarandache multi-spaces, Smarandache geometries, non-Euclidean geometry, topology and their applications to other sciences.

Genetics is the science of heredity that involves the study of structure and function of genes. Applied genetics refers to the study of the involvement of the structure and function of genes

in various practical fields. This book provides a focused introduction to the basic genetic principles and presents the molecular aspects and latest applied areas in genetics in considerable detail. The simple and lucid presentation of complicated topics in basic genetics, molecular genetics, medical genetics and in the latest applied areas of genetics would prove to be very useful to students, researchers and teachers.

Abstract Book of the International Congress on Health Sciences and Medical Technologies 2018

Implementation of Automation In Academic Libraries

Applied Genetics

Emerging Trends in Digital Era Through Educational Technology

International Journal of Mathematical Combinatorics, Volume 1, 2016

Quantitative Techniques for Management

*The eighteenth edition of this well-known textbook continues to provide a thorough understanding of the principles of modern physics. It offers a detailed presentation of important topics such as atomic physics, quantum mechanics, nuclear physics, solid state physics and electronics. The concepts are exhaustively presented with numerous examples and diagrams which would help the students in analysing and retaining the concepts in an effective manner. This textbook is a useful resource for undergraduate students and will also serve as a reference text for postgraduate students.*

*Adult learners have more options for enrolling in postsecondary education than ever before, and they are able to use their learning style preference in deciding which program best meets their needs. For some of these students, those programs are fully online, and for others, there is minimal use of technology. As technology grows and become more integrated into individual lives, the unique learning styles and preferences of adults need to learn to be incorporated into instructional design. Drawing on a regional sample of US colleges, 545 adult learners in a graduate programs were surveyed about how to effectively build community in their online classes. Results indicated some agreement with these instructional tools. Mature adult learners, however, were found to have stronger agreement with strategies that included work outside of the formal online class. These results suggest perhaps a greater comfort for adults in working in spaces where there is less likelihood of being judged or graded, and that they might value relational work with other students in different ways than younger adults.*

*World first Microprocessor INTEL 4004(a 4-bit Microprocessor)came in 1971 forming the series of first generation microprocessor.Science then with more and advancement in technology ,there have been five Generations of Microprocessors.However the 8085,an 8-bit Microprocessor,is still the most popular Microprocessor.The present book provied a simple explanation,about the Microprocessor,its programming and interfaceing.The book contains the description,mainly of the 8-bit programmable Interrupt Interval Timer/Counter 8253,Programmable communication Interface 8251,USART 8251A and INTEL 8212/8155/8256/8755 and 8279.*

*The present book has been throughly revised and lot of useful material has been added .saveral photographs of electronic devices and their specifications sheets have been included.This will help the students to have a better understanding of the electrinic devices and circuits from application point of view.the mistake and misprints,which has crept in,have been eliminated in this edition.*

*Recent Trends in Image Processing and Pattern Recognition*

***Porous Nation***

***A Textbook of Electrical Technology***

***Quality Matters in Education***

***Quantitative Methods in Management***

For Mechanical Engineering Students of Indian Universities. It is also available in 4 Individual Parts

This book is intended to be used as a textbook for a first course in fluid mechanics. It stresses on principles and takes the students through the various development in theory and applications. A number of exercises are given at the end of each chapter, all of which have been successfully class-tested by the authors. It will be ideally suited for students taking an undergraduate degree in engineering in all universities in India.

9 startups and 6 failures, including the first and the last, a couple of moderate successes and one fairly good one. Sivadas Raghava is no ordinary entrepreneur. His biggest achievements have been his failures for they have been his biggest learning source. This book is built on the foundations of failure to provide the roadmap for entrepreneurial success.

Cost Accounting sets a new standard for cost accounting books. It aims at equipping students with a solid grounding in the concepts of cost accounting. With rich pedagogy and an easy-to-understand approach, it meets the specific requirements of the

***Artificial Intelligence Theory, Models, and Applications***

***A Textbook of Applied Electronics***

***Congress on Intelligent Systems***

***Management Research in a Changing Climate***

***A Textbook of Electrical Technology - Volume II***

"This 4-volume set provides a compendium of comprehensive advanced research articles written by an international collaboration of experts involved with the strategic use of information systems"--Provided by publisher.

This book is a collection of selected papers presented at the Second Congress on Intelligent Systems (CIS 2021), organized by Soft Computing Research Society and CHRIST (Deemed to be University), Bengaluru, India during September 4 – 5, 2021. It includes novel and innovative work from experts, practitioners, scientists and decision-makers from academia and industry. It covers topics such as Internet of Things, information security, embedded systems, real-time systems, cloud computing, big data analysis, quantum computing, automation systems, bio-inspired intelligence, cognitive systems, cyber physical systems, data analytics, data/web mining, data science, intelligence for security, intelligent decision making systems, intelligent information processing, intelligent transportation, artificial intelligence for machine vision, imaging sensors technology, image segmentation, convolutional neural network, image/video classification, soft computing for machine vision, pattern recognition, human computer interaction, robotic devices and systems, autonomous vehicles, intelligent control systems, human motor control, game playing, evolutionary algorithms, swarm optimization, neural

network, deep learning, supervised learning, unsupervised learning, fuzzy logic, rough sets, computational optimization, and neuro fuzzy systems.

A multicolor edition of Vol.II of A Textbook of Electrical Technology to keep pace with the ever-increasing scope of essential and modern technical information, the syllabi are frequently revised. This often results into compressing established facts to accommodate recent information in the syllabi. Fields of power-electronics and industrial power-conditioners have grown considerably resulting into changed priority of topics related to electrical machines. Switched reluctance-motors tend to threaten the most popular squirrel-cage induction motors due to their increased ruggedness, better performance including controllability and equal ease with which they suit rotary as well as linear-motion-applications.

Contributed articles presented earlier at a seminar held at Tirupati, India.

Problems of Widows in India

MATHEMATICAL COMBINATORICS (INTERNATIONAL BOOK SERIES), Vol. 1, 2016

Cost Accounting: for B. Com course of Uttar Pradesh Universities

Abstract Book of the International Congress on Health Sciences and Medical Technologies 2018

***Library whether academic, special or a public library, being the backbone of any organization, the basic function of the library is to identify, select, collect, process, store and disseminate the information at right time to the right person as and when required. This book is helpful for students doing library and information science courses, research scholars, library professionals, knowledge managers, and other communities planning to implement modern tools and technology in their libraries. This book also provides a practical approach to various new technologies implemented in various libraries. In this direction this book provides ideas to its readers about the approaches pertaining to practical implementations of modern tools and technologies, software platforms to automate their libraries, and other related technical aspects required for libraries. The target audience of this book will be students doing library science courses; research scholars working in the field of library and information science and library professionals. It will also guide to professionals working that includes Librarians, Officers in libraries, Information Scientists, consultants, Trainers, Students, Researchers and other library communities who are planning to adopt and implement modern tools and technologies in their libraries.***

***This book constitutes the refereed proceedings of the First International Conference on Recent Trends in Image Processing and Pattern Recognition, RTIP2R 2016, held in Bidar, Karnataka, India, in December 2016. The 39 revised full papers presented were carefully reviewed and selected from 99 submissions. The papers are organized in topical sections on document analysis; pattern analysis and machine learning; image analysis; biomedical image analysis; biometrics.***

***The internet of things (IoT) has had a major impact on academic and industrial fields. Applying these technologies to healthcare systems reduces medical costs while enriching the patient-centric approach to medicine, allowing for better overall healthcare proficiency. However, usage of IoT in healthcare is still suffering from significant challenges with respect to the cost and accuracy of medical sensors, non-standard IoT system architectures, assorted wearable devices, the huge volume of***

***generated data, and interoperability issues. Incorporating the Internet of Things in Healthcare Applications and Wearable Devices is an essential publication that examines existing challenges and provides solutions for building smart healthcare systems with the latest IoT-enabled technology and addresses how IoT improves the proficiency of healthcare with respect to wireless sensor networks. While highlighting topics including mobility management, sensor integration, and data analytics, this book is ideally designed for computer scientists, bioinformatics analysts, doctors, nurses, hospital executives, medical students, IT specialists, software developers, computer engineers, industry professionals, academicians, researchers, and students seeking current research on how these emerging wireless technologies improve efficiency within the healthcare domain.***

***Modern Physics, 18th Edition***

***Incorporating the Internet of Things in Healthcare Applications and Wearable Devices  
Pedagogies, Practices, and Institutional Possibilities***

***The International Journal of Indian Psychology, Volume 4, Issue 2, No. 96***

***Concepts, Methodologies, Tools, and Applications***