

## Mathematics Olympiad Tripura Mathematical Society

Anand Kumar, a mathematics prodigy, defied all challenges to set up one of the most successful and innovative teaching initiatives in the world–Super 30. Born in Chandipur Bela, Patna, Anand secured a place in Cambridge University but couldn’t attend because he had no money and sold papads in the evenings instead. He dealt with his own disappointment by setting up an innovative school in 2002 to prepare underprivileged students for the IIT JEE examination. Super 30 has an astonishing success rate and on an average, twenty-seven to twenty-eight of the thirty students crack the exam every year. Stirring and heart-wrenching, this is the extraordinary story of a visionary who has elevated these bright sparks and, through education, given them hope to rise above crippling poverty.

Another excellent book long out of print but much in demand. This book is pulled together by Ramanujan’s primary mentor, G. H. Hardy, who was the first to recognise the amazing nature of Ramanujan’s ideas. Another exceptional classic from the Chelsea list. This volume assembles a group of leading regional experts to formulate the first rigorous and comprehensive consideration of multiculturalism debates in South and East Asia. Through close examination of pre-colonial traditions, colonial legacies, and post-colonial ideologies, this volume sheds new light on religious and ethnic conflict in the area, and presents a ground-breaking assessment of what role—if any —the international community should play in promoting multiculturalism.

The Oxford Handbook of the Indian Constitution

Ecology Abstracts

The Journal of the Indian Mathematical Society

An Approach Through Problems

The Politics of Electoral Systems

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*Providing a rare glimpse into how tiny Tripura influenced Indian foreign policy towards East Pakistan and then Bangladesh for half a century, this text seeks to develop the Agartala doctrine as a guideline for Indian states in their effort to influence national foreign policy.*

2021 NTPC, Group-D, Paramedical, RRB JE, ALP Stage-I & II, RPF Constable & SI GENERAL KNOWLEDGE & AWARENES SOLVED PAPERS

*This book compares two states in the Northeast with different socio-political trajectories—a relatively orderly Mizoram and a troubled Manipur—in order to understand the sources of political turmoil in the region. Taking the region as a case study, it examines the larger debates on success and failure in state-making. In discussing the divergent success of the two states in mitigating conflicts, Hassan demonstrates how in Mizoram the process of state-making helped consolidate public legitimacy and the authority of state leaders. He also shows how it strengthened the institutional capability of government agencies to provide services, manage group contestations, and avoid breakdown. At the same time, he illustrates how in Manipur, traditional centres of power—tribal and ethnic associations—gained in authority, compromising the legitimacy of the government and institutional capability of its agencies. The study highlights the important role, in the context of state breakdown, of the absence of an effective medium to regulate inter-group relationships and manage contestations over power, resources, opportunities, and identity. Rigorously comparative, it explains the sources of disorder in Northeast India by focusing on the nature of state–society relations in the region. While acknowledging the important role of history in structuring this failure of the state system in the region, it suggests ways in which the path dependence can be overcome.*

Business Research Methods
Mathematical Olympiad Challenges

Ramanujan

Electoral Politics in Post-Congress Polity

Changing the World 30 Students at a Time

New Thoughts on Ancient and Modern Mathematics

Focusing on politics and society in India, this book explores new areas enmeshed in the complex social, economic and political processes in the country. Linking the structural characteristics with the broader sociological context, the book emphasizes the strong influence of sociological issues on politics, such as social milieu shaping and the articulation of the political in day-to-day events. Political events are connected with the ever-changing social, economic and political processes in order to provide an analytical framework to explain ‘peculiarities’ of Indian politics. Bidyut Chakrabarty argues that three major ideological influences of colonialism, nationalism and democracy have provided the foundational values of Indian politics. Structured thematically and chronologically, this work is a useful resource for students of political science, sociology and South Asian studies.

This book features selected papers from the 7th International Conference on Mathematics and Computing (ICMC 2021), organized by Indian Institute of Engineering Science and Technology (IITEST), Shibpur, India, during March 2021. It covers recent advances in the field of mathematics, statistics, and scientific computing. The book presents innovative work by leading academics, researchers, and experts from industry.

In all parts of Asia, households devote considerable expenditures to private supplementary tutoring. This tutoring may contribute to students’ achievement, but it also maintains and exacerbates social inequalities, diverts resources from other uses, and can contribute to inefficiencies in education systems. Such tutoring is widely called shadow education, because it mimics school systems. As the curriculum in the school system changes, so does the shadow. This study documents the scale and nature of shadow education in different parts of the region. Shadow education has been a major phenomenon in East Asia and it has far-reaching economic and social implications.

The Third World Beyond the Cold War

monographic series

Or Awakened India

Super 30

Exploring State-Society Relations in Northeast India

Private Supplementary Tutoring and Its Implications for Policy Makers in Asia

Mathematical Olympiad Challenges is a rich collection of problems put together by two experienced and well-known professors and coaches of the U.S. International Mathematical Olympiad Team. Hundreds of beautiful, challenging, and instructive problems from algebra, geometry, trigonometry, combinatorics, and number theory were selected from numerous mathematical competitions and journals. An important feature of the work is the comprehensive background material provided with each grouping of problems. The problems are clustered by topic into self-contained sections with solutions provided separately. All sections start with an essay discussing basic facts and one or two representative examples. A list of carefully chosen problems follows and the reader is invited to take them on. Additionally, historical insights and asides are presented to stimulate further inquiry. The emphasis throughout is on encouraging readers to move away from routine exercises and memorized algorithms toward creative solutions to open-ended problems. Aimed at motivated high school and beginning college students and instructors, this work can be used as a text for advanced problem-solving courses, for self-study, or as a resource for teachers and students training for mathematical competitions and for teacher professional development, seminars, and workshops.

This book discusses about the basic topics on inequalities and their applications. These include the arithmetic mean–geometric mean inequality, Cauchy–Schwarz inequality, Chebyshev inequality, rearrangement inequality, convex and concave functions and Muirhead’s theorem. The book contains over 400 problems with their solutions. A chapter on geometric inequalities is a special feature of this book. Most of these problems are from International Mathematical Olympiads and from many national mathematical Olympiads. The book is intended to help students who are preparing for various mathematical competitions. It is also a good source book for graduate students who are consolidating their knowledge of inequalities and their applications.

The Indian Constitution is one of the world’s longest and most important political texts. Its birth, over six decades ago, signalled the arrival of the first major post-colonial constitution and the world’s largest and arguably most daring democratic experiment. Apart from greater domestic focus on the Constitution and the institutional role of the Supreme Court within India’s democratic framework, recent years have also witnessed enormous comparative interest in India’s constitutional experiment. The Oxford Handbook of the Indian Constitution is a wide-ranging, analytical reflection on the major themes and debates that surround India’s Constitution. The Handbook provides a comprehensive account of the developments and doctrinal features of India’s Constitution, as well as articulating frameworks and methodological approaches through which studies of Indian constitutionalism, and constitutionalism more generally, might proceed. Its contributions range from rigorous, legal studies of provisions within the text to reflections upon historical trends and social practices. As such the Handbook is an essential reference point not merely for Indian and comparative constitutional scholars, but for students of Indian democracy more generally.

Accessions List, India

Demofing Vishnu

Organiser

Mathematical Education

Library of Congress Catalogs

Twelve Lectures on Subjects Suggested by His Life and Work

Raja Rao’s Kanthapura is one of the finest novels to come out of mid-twentieth century India.

Issues for 1919-47 include Who’s who in India; 1948, Who’s who in India and Pakistan.

This title is part of UC Press’s Voices Revived program, which commemorates University of California Press’s mission to seek out and cultivate the brightest minds and give them voice, reach, and impact. Drawing on a backlog dating to 1893, Voices Revived makes high-quality, peer-reviewed scholarship accessible once again using print-on-demand technology. This title was originally published in 1974.

Indian Politics and Society Since Independence

Building Legitimacy

Coalition Politics and Democratic Consolidation in Asia

Interpreting Politics

Awakened India

Prabuddha Bharata

The Book Irrigation And Water Resources Engineering Deals With The Fundamental And General Aspects Of Irrigation And Water Resources Engineering And Includes Recent Developments In Hydraulic Engineering Related To Irrigation And Water Resources Engineering. Significant Inclusions In The Book Are A Chapter On Management (Including Operation, Maintenance, And Evaluation) Of Canal Irrigation In India, Detailed Environmental Aspects For Water Resource Projects, A Note On Interlinking Of Rivers In India, And Design Problems Of Hydraulic Structures

Such As Guide Bunds, Settling Basins Etc.The First Chapter Of The Book Introduces Irrigation And Deals With The Need, Development And Environmental Aspects Of Irrigation In India. The Second Chapter On Hydrology Deals With Different Aspects Of Surface Water Resource. Soil-Water Relationships Have Been Dealt With In Chapter 3. Aspects Related To Ground Water Resource Have Been Discussed In Chapter 4. Canal Irrigation And Its Management Aspects Form The Subject Matter Of Chapters 5 And 6. Behaviour Of Alluvial Channels And Design Of Stable Channels Have Been Included In Chapters 7 And 8, Respectively. Concepts Of Surface And Subsurface Flows, As Applicable To Hydraulic Structures, Have Been Introduced In Chapter 9. Different Types Of Canal Structures Have Been Discussed In Chapters 10, 11, And 13. Chapter 12 Has Been Devoted To Rivers And River Training Methods. After Introducing Planning Aspects Of Water Resource Projects In Chapter 14, Embankment Dams, Gravity Dams And Spillways Have Been Deal With, Respectively. In Chapters 15, 16 And 17.The Students Would Find Solved Examples (Including Design Problems) In The Text, And Unsolved Exercises And The List Of References Given At The End Of Each Chapter Useful.

This book provides the mathematical tools and problem-solving experience needed to successfully compete in high-level problem solving competitions. Each section presents important background information and then provides a variety of worked examples and exercises to help bridge the gap between what the reader may already know and what is required for high-level competitions. Answers or sketches of the solutions are given for all exercises.

“This book examines how public ritual once placed kings at the privileged apex of Nepal’s government, and how in the 21st century those same rituals stopped serving the king and turned instead to authorize party-based politicians. Ritual upheaval undermined the institutional logic of monarchy, and demonstrated that kingship was contingent/dispensable”--

Multiculturalism in Asia

Proceedings of CICT 2019

A Proactive Northeast in Indian Foreign Policy

Winning Solutions

An Applied Orientation

Ritual, Politics, and the Unraveling of Nepal’s Hindu Monarchy

Vols. for 1923-32 include separately paged sections: “Notes and questions” and “Progress report.”

The field manual provides a standardized source document for Army-wide reference on map reading and land navigation. It applies to every soldier in the army regardless of service branch, MOS, or rank. This manual also contains both doctrine and training guidance on map reading and land navigation.Part One addresses map reading and Part Two, land navigation. The appendices include an introduction to orienteering and a discussion of several devices that can assist the soldier in land navigation. For soldiers, hunters, climbers, and hikers alike, this is the definitive guide to map reading and navigation.

Challenge And Thrill Of Pre-College Mathematics Is An Unusual Enrichment Text For Mathematics Of Classes 9, 10, 11 And 12 For Use By Students And Teachers Who Are Not Content With The Average Level That Routine Text Dare Not Transcend In View Of Their Mass Clientle. It Covers Geometry, Algebra And Trigonometry Plus A Little Of Combinatorics, Number Theory And Probability. It Is Written Specifically For The Top Half Whose Ambition Is To Excel And Rise To The Peak Without Finding The Journey A Forced Uphill Task.The Undercurrent Of The Book Is To Motivate The Student To Enjoy The Pleasures Of A Mathematical Pursuit And Of Problem Solving. More Than 300 Worked Out Problems (Several Of Them From National And International Olympiads) Share With The Student The Strategy, The Excitement, Motivation, Modeling, Manipulation, Abstraction, Notation And Ingenuity That Together Make Mathematics. This Would Be The Starting Point For The Student, Of A Life-Long Friendship With A Sound Mathematical Way Of Thinking.There Are Two Reasons Why The Book Should Be In The Hands Of Every School Or College Student. (Whether He Belongs To A Mathematics Stream Or Not) One, If He Likes Mathematics And, Two, If He Does Not Like Mathematics- The Former, So That The Robot-Topic Treatment In The Classroom Does Not Make Him Into The Later; And The Latter So That By The Time He Is Halfway Through The Book, He Will Invite Himself Into The Former.

Monographic Series

Irrigation and Water Resources Engineering

Events, Processes and Ideology

Continuity and Change

The Vedanta Kesari

Problem-Solving Strategies

A unique collection of competition problems from over twenty major national and international mathematical competitions for high school students. Written for trainers and participants of contests of all levels up to the highest level, this will appeal to high school teachers conducting a mathematics club who need a range of simple to complex problems and to those instructors wishing to pose a “problem of the week”, thus bringing a creative atmosphere into the classrooms. Equally, this is a must-have for individuals interested in solving difficult and challenging problems. Each chapter starts with typical examples illustrating the central concepts and is followed by a number of carefully selected problems and their solutions. Most of the solutions are complete, but some merely point to the road leading to the final solution. In addition to being a valuable resource of mathematical problems and solution strategies, this is the most complete training book on the market.

In careers that spanned six decades, Padma Bhushan award winners Lloyd and Susanne Rudolph elaborated seminal insights about Indian politics. The Rudolphs’ rigorous and remarkably empathetic study of India coupled with their extensive reading of social science theory served as the basis for their development of a broader interpretive mode of political analysis centered on the complex processes by which people construct meaning and motivation for political action. The eminent contributors to this volume pay tribute to the Rudolphs’ scholarship by examining its contributions to their own cutting-edge research as they advance the frontiers of the study of Indian politics and social science writ large. Their engaging essays analyze vital topics including how ‘situated knowledge’ shapes discourse, moral imagination, political strategies, and institutional change. They apply this interpretive approach to Indian politics to illuminate how the interaction of caste, class, gender, and religion has structured political mobilization, how changing social and political relations have affected education policy and civil–military relations, and how political leadership is forging the future of Indian politics.

This volume presents the picture of competitive politics in as many as 24 states of India. It addresses the issue of relationship between parliamentary election and assembly election as it evolved during 2008-2013. Making the best use of the National Election Study of 2009, the chapters in the book open before the reader the different patterns of party competition at the state level. The main objective of the book is to contribute to the understanding of electoralpolitics in Indian states.

GENERAL KNOWLEDGE & AWARENES

The Times of India Directory and Year Book Including Who’s who

The Agartala Doctrine

ICMC 2021

Situated Knowledge, India, and the Rudolph Legacy

Proceedings of the Seventh International Conference on Mathematics and Computing

Since research is best learned by doing, this book emphasizes a hands-on, do-it yourself approach. The readers have many opportunities to see how business researches affect and support management decision. The book used a case study approach for all the chapters with interactive videos. The book gave emphasis to quantitative data analysis using a software program, IBM SPSS 20.0. The data analysis chapters illustrate in detail each step in running the software programs. The software programs files are provided for all data sets: outputs, demonstration movies, and screen captures are on the Website. This book provides students most extensive help available to learn quantitative data analysis using SPSS. Thus, the authors prepared this textbook and all the additional materials to help the students to understand the functional principles of business research and how to apply them in real-life situations.

The volume compares patterns of coalition politics vis-à-vis the institutionalization of democracy in four Asian developing and multi-ethnic countries. The cases cover India, Sri Lanka, Malaysia, and Japan, all of which have experienced a significant period of coalition politics.

This book features high-quality papers presented at the International Conference on Computational Intelligence and Communication Technology (CICT 2019) organized by ABES Engineering College, Ghaziabad, India, and held from February 22 to 23, 2019. It includes the latest advances and research findings in fields of computational science and communication such as communication & networking, web & informatics, hardware and software designs, distributed & parallel processing, advanced software engineering, advanced database management systems and bioinformatics. As such, it is of interest to research scholars, students, and engineers around the globe.

Principles and Practices of Rice Production

Party Competition in Indian States

Business and Politics in India

Advances in Computational Intelligence and Communication Technology

Challenge and Thrill of Pre-College Mathematics

Map Reading and Land Navigation

Indexes journal articles in ecology and environmental science. Nearly 700 journals are indexed in full or in part, and the database indexes literature published from 1982 to the present. Coverage includes habitats, food chains, erosion, land reclamation, resource and ecosystems management, modeling, climate, water resources, soil, and pollution.

The Third World Beyond the Cold War presents an overview of the changes brought about in Third World countries since the end of the cold war. The book does so in two ways: by highlighting major areas of change in the Third World, and using regional case-studies as a means of isolating changes specific to certain regions. The themes chosen by the editors—economics, politics, security—are not, of course, exhaustive, but are broadly interpreted so as to encompass the major areas of change among Third World countries. The regional case-studies—Asia-Pacific, Latin America, South Asia, Africa, the Middle East—were selected to bring out both the themes and the diversity of experience. The essays, written by leading scholars in the field of International Relations, caters for a variety of constituencies: those who seek the ‘big picture’ in understanding the Third World in International Relations, those who look for general patterns, explanations, and trends in Third politics, and those who seek up-to-date information and analysis on the progress of different regions.

Electoral systems matter. They are a crucial link in the chain connecting the preferences of citizens to the policy choices made by governments. They are chosen by political actors and, once in existence, have political consequences for those actors. They are an important object of study for anyone interested in the political process, and in this book we subject them to systematic analysis. In addition to some comparative chapters, the book contains full accounts of the operation of electoral systems in 22 countries: France, the UK, Germany, Italy, Israel, Spain, Austria, Belgium, Denmark, Finland, The Netherlands, Ireland, Hungary, Russia, Australia, Canada, India, the USA, Japan, New Zealand, Chile, and South Africa. The book provides detailed analyses of the operation of a diverse set of electoral systems in their national context. Each chapter explains how the electoral system really works in the given country, examining the strategic incentives the system provide to voters, candidates, and parties. All country chapters have a common format and structure. Successive sections analyse: the institutional context; how each electoral system was chosen historically; how the current electoral system operates (the rules, mechanics, and ballot structure); and the political consequences of the current system (the impact on the party system, the internal life of parties, and the impact on parliament and government formation). Each country chapter contains a final section which focuses on the politicization of electoral institutions. In recent years many countries have changed their electoral systems, either entirely or in part so there is a strong focus on the processes of electoral reform, both historically and prospectively. The book concentrates on the real world ‘politics’, as well as the ‘political science’ of electoral systems. The book will be of interest to those concerned with the practical political business of electoral reform. bookcontains a wealth of evidence about the performance of various kinds of proportional representation and of non-PR systems. This will be invaluable for anyone interested in the question: ‘What would be the best electoral system for my country?’

Kanthapura

Inequalities

Shadow Education