

## S K Mangal

This book provides valuable insight into the nature and the background of the subject of Psychology. Designed basically as a textbook for general psychology courses of Indian universities, it will also prove useful to those working in the disciplines of sociology, education, social work and social sciences. The subject matter in the text has been presented in such a way that it can be easily grasped by a beginner and appreciated by an advanced reader.

A comprehensive textbook covering fundamentals of psychology and its application and usage in sports and related activities. Sports Psychology is based on the premise that one's participation and performance in sports is as much psychology oriented as it is a matter of physiological skill and talent. This textbook offers to build a sound groundwork in concepts and theories of psychology for their appropriate application to enhance participation in sports activities. The contents of the book will aid students, teachers, trainers, coaches as well as players to improve and maintain their performance in various sports activities. Written in a simple and user-friendly style, the textbook covers the syllabi of psychology courses on the subject as well as course curriculums of BPEd and MPEd programmes. Besides being an indispensable asset to students, the book will prove to be beneficial for coaches and sport psychologists engaging in the task of training, coaching and guiding the trainees and athletes. Key Features: - Chapters arranged to aid sequential learning and understanding of the concepts with a balanced blend of theory and practice - Traces the historical evolution of sports psychology as a subject of study and its current status and future trends - Throws light on the issues related to athletes' mental health including anxiety, stress, frustrations and conflicts, aggression and violence, and sports injuries and their management - Content adequately illustrated with examples, case studies, boxed materials, figures and tables

Intended as a text for undergraduate and postgraduate courses (B.Ed./M.Ed.; B.A./M.A. Education) and diploma level courses in Education as well as for courses in Special Education, this comprehensive and accessible book provides a sound base for understanding Special Children through an insightful and incisive discussion on Special Education. The text dwells on exceptional children, or children with special needs, who either suffer from various deficits or disabilities, or are gifted. Such children include the mentally retarded, the visually and hearing impaired, the emotionally disturbed, those with autism, cerebral palsy, and the deprived, as well as the gifted and the creative. This well-organized and pedagogically rich text should be extremely useful to students as well as professionals—special education teachers, those engaged in guidance and counselling, educational policy makers, and field workers, who have an abiding interest in the education of exceptional children and in special education. KEY FEATURES ? Includes student-friendly features like illustrations, examples, tables, and research-based experimental findings. ? Provides a complete picture of exceptionality, from the early years of human history to the present day. ? Gives case histories to practically illustrate the subject.

This work provides a workable base for the understanding of basic concepts of abnormal behaviour and abnormal psychology. Starting with the concept, nature and background of abnormal behaviour and abnormal psychology, it takes up the types of abnormalities and disorders of human behaviour and suggests possible treatment by combining physical as well as socio-psychological therapeutic measures. Written in a simple but well organised style, it will prove useful not only to students of abnormal psychology and mental health of the graduate and post-graduate courses, but also to parents and teachers in understanding and improving their own mental health as well as that of people whose welfare is entrusted to them.

Written in an easy-to-understand style, this text provides a thorough coverage of the essential topics related to the teaching of social studies in secondary and elementary schools. Reflecting on the theoretical knowledge and practical skills required to teach social studies in an effective manner, the text first introduces its readers to the various components, study material, scope and importance of social studies. It then teaches the formulation of instructional objectives in social studies, and brings out the principles of social studies curriculum as well as its relationship with other subjects of the school curriculum. The book focuses mainly on improving the methodological concepts of the social studies teacher, and in doing so, discusses various methods of teaching; evaluation and planning of lessons, units and courses; organization of social studies room and the equipment to be kept in it; utilization of community resources; and implementation of various co-curricular activities. It also examines certain innovative methods of teaching such as team-teaching, micro-teaching and individualized instruction. KEY FEATURES ? Incorporates chapter outline at the beginning and chapter summary at the end of each chapter to help readers review the important topics. ? Provides chapter-end questions for students to drill the topics discussed. ? Discusses various topics with the help of a number of figures and tables that facilitates easy-understanding of the concepts. This book is suitable for a course on Teaching of Social Studies for the students of B.Ed. and M.A. (Education). It can also be used for the in-service teacher education programmes organized by the Central and State education boards.

This revised and expanded edition is a sequel to the first edition which was warmly received by the student and teaching community for its indepth analysis and refreshing approach to the subject. Psychology of Individual differences Transfer of Learning or Training Emotional Development and Emotional Intelligence Learning Disabilities and Learning Disabled Children Beginning with an introduction to the nature and scope, and the various schools of psychology, the book discusses the systems propounded by Freud, Adler, Jung and Piaget, taking into account their critical importance to the subject. It then focuses on the psychology of growth and development, psychology of individual differences, motivation, attention and personality, with an emphasis on the individual's attitude towards learning, and the factors influencing learning. The text also elaborates the nature and theories of learning and the aspects of memory such as remembering and forgetting. The cognitive aspect, i.e. intelligence, and vital topics like creativity and the psychology of thinking, reasoning and problem-solving have been accorded due prominence. A detailed discussion on exceptional children and learning disabled children together with the educational measures for overcoming such disabilities is also included. The text concludes with an important aspect of human behaviour, namely, adjustment. Interspersed with examples, illustrations and tables, this text is ideally suited for postgraduate students of education and psychology. It can also be profitably used by teachers, teacher-educators, guidance and counselling personnel, and administrators of educational institutions.

Human behaviour is quite complex. Success in interpersonal relations depends on a proper understanding of it. The present book provides an introductory course for this very purpose. It studies human behaviour in its various aspects: physiological, emotional, mental and social. The book will be useful to students of psychology of different boards of

education and universities. For general reader, it would serve as a workable base for further study of the subject. The subject matter has been presented in a simple, informative style so that the reader may be able to understand essential terminology, facts and concepts about human behaviour.

A harmonious blend of the theoretical and practical aspects of educational psychology, this student-friendly text provides a base for the understanding of the subject. The book discusses the various aspects of growth and development, specifically during childhood and adolescence, and accords due importance to the cognitive aspect of human behaviour with elaborate text on intelligence, creativity, thinking, reasoning and problem-solving. Besides maintaining a logical progression of topics, the author has interspersed the text with examples and illustrations to provide an in-depth analysis of the subject matter. The book is ideally suited for the B.Ed. and B.A. (Education) courses but can also be a valuable reference for teachers, teacher-trainees, and practising counsellors at various levels of school education. **KEY FEATURES** • Cogent and coherent style of writing • Assignment problems and sample tests at the end of various chapters • Wide range of examples and over 50 illustrations to support and explain the topics discussed

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The book, with comprehensive and practicable coverage, acquaints its readers with thorough knowledge and skills to help the growing children in their proper growth and development enabling them to reach the limit of their excellence on one hand, and instilling in them the sense of responsibility towards their society and nation on the other hand. It dwells on the essential topics such as nature of the process of growth and development going on at the various ages and developmental stages of children, their developmental needs and characteristics, individual differences and diversities existing among them, development of various abilities and capacities like intelligence, creativity, and overall personality characteristics, nature of the age-linked behavioural problems, adjustment and mental health, parenting styles, and methods of dealing with the behavioural problems, adjustment, and stressful conditions of the developing children. The text equips the readers with all what is in demand for helping the developing children at this juncture of rapid industrialisation, globalisation, urbanisation, modernisation and economic change. It is primarily designed for the undergraduate students of education and elementary education. **KEY FEATURES** • Incorporates quite advanced topics such as emotional intelligence, use of reflective journals, anecdotal records and narratives as method of understanding child's behaviour, and so on • Includes detailed discussion of theories of child development, theories of learning, theories of intelligence, theories of achievement motivation, theories of creativity, and theories of personality • Offers engaging language and user-friendly mode of discussion • Adequately illustrated with examples, figures and tables • Comprises chapter-end summary for quick glance of the concepts.

The book is a rich source of information relevant to the field of assessment and learning. It describes various techniques and methods for evaluating the potential, ability, interest and attitude of learners for understanding the ways to further build up the pyramid of their learning. It covers exhaustive information inclusive of that required for the compulsory paper "Assessment for Learning" introduced in the curriculum of B.Ed. course of various Indian universities in accordance with the guidelines of National Council for Teacher Education (NCTE). It discusses Revised Bloom's Taxonomy of Instructional Objectives, the Construction and Standardisation of Achievement and Diagnostic Tests, Policy Perspective on Examination and Assessment, latest Assessment Tools and Devices such as Portfolio Assessment. Besides, it describes the development and use of Rubrics, Emerging Trends and Assessment Practices such as Computer-based online examination, Examination on demand, Open-book examination, and Choice-based credit system, and Statistical means and ways of analysing and interpreting students' performances. **KEY FEATURES** • Full coverage of syllabi of all the Indian universities • Diligently arranged chapters for the sequential learning • Comprehensive explanation with illustrative examples • Explicit figures, tables and diagrams for easy interpretation • Chapter-end summary for quick recapitulation

Emotional Intelligence (EI) is a personality development tool which can be developed at any stage of life to enhance one's ability and get desired success in various life pursuits. This book is conceived to prove as an effective source of motivation and know-how of getting imbibed with the EI skills. The book describes emotional intelligence as a key to attain success in life. It highlights how managing emotional traits like anger, jealousy, empathy, love and so on can help a person to be a better human being and emerge as a winner in life. Organized well, the chapters comprehensively explain the concept of emotional intelligence with relation to its development and utilization for getting desired success in one's personal, social and professional life. The book, thus, have the needed potential to equip the readers with the knowledge, skills and applied aspects of EI and its measure, EQ, for deriving rich dividends through the development and application of EI skills (mostly emotional and social in nature). The book also helps people with high IQ to analyze that EQ and IQ goes hand-in-hand, and by developing the EI skills they can excel in those spheres of life, where they otherwise fail to excel with IQ alone. The book is designed for the postgraduate students of Psychology, Education and Management. Besides, the book is also useful for the professionals and general readers. It is going to prove an asset for those who are suffering from failures and lack of confidence. **Key features** Provides an easy workable model of EI for utilizing EI skills as key to success. Includes reader-friendly features like key ideas (within boxes), figures, tables, case studies and illustrations from daily life and Panchatantra stories and folk tales.

This new revised edition provides an updated workable base for the understanding of basic concepts of abnormal behaviour and abnormal psychology. Keeping in mind the latest developments in the field, it incorporates all the needed changes and modification in the book for meeting the requirement of the syllabi of the courses related to the subjects Abnormal and Clinical Psychology, in degree classes of the Universities and Higher Institutions of our country. The book is also helpful for those who opt Psychology as an optional paper for their Indian or Provincial Civil Services and other competitive examinations. **Key Features:** A through discussion on the concept, nature and background of abnormal

behaviour and abnormal psychology by taking in to consideration different types of abnormalities and disorders of human behaviour along with their possible treatment measures; Adding four new chapters entitled as Attention-Deficit/Hyperactivity Disorder (ADHD) and Autism; Elimination and Eating Disorders; Sleep Disorders; Old Age or Degenerative Disorders; A through revision of the Chapter Classification of Mental Disorders specifying a due place to the discussion of DSM IV-TR(2000), DSM-5 (2013), ICD-10 (2010), and a brief commentary on the coming ICD-11; Adding a number of useful topics in the existing chapters like Conflict resolution, Stressors, Stress cycle, Effects or Outcomes of Stress, New varieties of Obsessive-compulsive behaviour disorders (such as Hoarding disorder, Hair pulling disorder, Skin pulling disorder, and Body dysmorphic disorder), and Cognitive-behavioural therapy for the treatment of abnormal behaviour etc.

The book thoroughly explains various theories and concepts applied in the field of learning and teaching. It orderly describes effective techniques and methods by using descriptive analytical approach and methodology. It covers in the intelligible form a wide spectrum of information inclusive of that required for the compulsory paper "Learning and Teaching" incorporated in the curriculum of B.Ed. courses of various Indian universities in accordance with the guidelines of National Council for Teacher Education (NCTE). The book discusses the nature and importance of learning theories propagated by behaviourists, cognitivists and humanists. It also focuses on pedagogy, andragogy, models of teaching, tasks and process of learning, strategies of teaching, learning styles, concepts of e-learning and m-learning in the applications of ICT. **KEY FEATURES :** • Full coverage of syllabi of all the Indian universities • Diligently arranged chapters for the sequential learning • Comprehensive explanation with illustrative examples and case studies • Explicit figures, tables and diagrams for easy interpretation • Summary at each chapter-end for quick review The book is primarily intended to B.Ed. students. Besides, the text is also of immense value to the students of B. EL Ed., M.Ed., MA (Ed.), M.Phil., and teachers, training professionals and counsellors.

Science teaching has evolved as a blend of conventional methods and modern aids owing to the changing needs and techniques of education with an objective to develop scientific attitude among the students. This Fourth Edition of Innovative Science Teaching aims to strike balance between modern teaching methods and time-tested theories. **FEATURES OF THE FOURTH EDITION** • Chapters 3, 8 and 13 have been thoroughly revised and updated in the light of advancements of application of technology in teaching. • Chapter 13—New Technology to Promote Learning—has been expanded to include the impact of technology on teaching and learning. • E-learning materials and website addresses relevant to science teaching have been updated. • All chapters have been revised and extensive coverage of all aspects of modern teaching has been included. This edition of Innovative Science Teaching is designed for the undergraduate and postgraduate students of Education specializing in science teaching. It can also prove useful as a reference book for administrators, researchers and teacher-trainers. **TARGET AUDIENCE** • B.Ed (specialization in Science Teaching) • M.Ed (specialization in Science Teaching) • Diploma Courses in Education

Coffee is one of the most important cash-crop beverages around the world, apart from tea being an extremely valuable commodity, which lives upto its reputatation as an invigorating stimulant, it has transcended all barriers of religion, nation and race. While botanically different coffee and tea are commercially important beverages grown in the warmer regions of the world. Although primarily grown in countries steeped in poverty, coffee continues to bring a glimmer of hope in these countries economies through its commercial success. This book explores the delightful history of coffee, and exam. The book comprising the various aspects relating to the psychology of learning and development of a child furnishes proper understanding to its readers for helping the growing children in their thoroughgoing development. The subject-matter, dexterously divided into 35 chapters and organised in a simplified and logical manner, first explicates educational psychology, development of the growing children, process of learning, intelligence, aptitude and attitude, and then expounds on psychology of individual differences, learning styles, learning disabilities, creativity, personality, mental health, adjustment, guidance and counselling, and ultimately, social groups and group dynamics. The book is primarily designed for the post-graduate students of education. **KEY FEATURES** • Presents comprehensive and practicable coverage of the topics • Discusses theories related to a number of aspects and phenomena • Includes some important concepts such as Havighurst's developmental tasks, emotional intelligence, social intelligence, spiritual intelligence, constructivism and constructivist learning, achievement motivation, learning disabilities, theories of creativity, and so on • Offers engaging language and user-friendly mode of discussion • Adequately illustrated with examples, figures and tables • Comprises chapter-end summary for quick glance of the concepts **LEARNING RESOURCES** Teaching resource is available at [https:// www.phindia.com/Psychology-of-Learning-and-Development-by-Mangal-Mangal](https://www.phindia.com/Psychology-of-Learning-and-Development-by-Mangal-Mangal) for adopting faculties, which comprises quiz questions, chapter-wise PPTs and bibliography, and lecture video.

This book comprises the proceedings of International Conference on Research and Innovations in Mechanical Engineering (ICRIME 2013) organized by Guru Nanak Dev Engineering College, Ludhiana with support from AICTE, TEQIP, DST and PTU, Jalandhar. This international conference served as a premier forum for communication of new advances and research results in the fields of mechanical engineering. The proceedings reflect the conference's emphasis on strong methodological approaches and focus on applications within the domain of mechanical engineering. The contents of this volume aim to highlight new theoretical and experimental findings in the fields of mechanical engineering and closely related fields, including interdisciplinary fields such as robotics and mechatronics.

With the proclamation of human rights and impact of the philosophy of humanism, there has been a worldwide call for providing humane treatment to the disabled and putting an end to their isolation. Written in the same context, the book developed as per the issued directives of NCTE equips its readers with the knowledge, understanding, skills, interests and attitude needed for working in the inclusive schools. It acquaints them with all the essentials related to the nature of the different types of disabilities or impairments, diversities and exceptionalities of the children belonging to an inclusive

school, the need and means of introducing the required adaptations in the environmental conditions, curriculum, teaching-learning strategies, teaching-learning aids and equipment, methods of assessing the progress of the diverse children, and likewise so many other things and requirements for fulfilling their responsibilities towards the diverse children in the inclusive set-up of the school. It is primarily designed for the students of secondary and elementary teacher education (B.Ed., B.El. Ed., D.Ed.) of the teacher training institutes. **KEY FEATURES** • Full coverage of the current syllabi prescribed for B. Ed., B. El. Ed. and D. Ed. in a user-friendly language • Comprehensive description of the various aspects of inclusive education and children with special needs (CWSN) such as historical perspectives to disability and inclusive education, needed pedagogical and assessment approaches for CWSN, educational provisions for the disabled at national and international levels, and so forth • Inclusion of recent topics such as learning styles in the context of different types of disabilities and CWSN, forms of exclusions on various grounds including disabilities in Indian education, approaches and models of inclusion, individual education programme, assistive and adaptive technologies, and so on • Comprises chapter-end summary for quick glance of the concepts **TARGET AUDIENCE** • B.Ed. • B. El. Ed. • D.Ed.

The quality and productivity of a research work very much depends on the competency of the researchers. Such competency needs to be generated and nurtured properly among the researchers from the very beginning of their research career. This comprehensive book on research methodology discusses in detail how to carry out research studies in various disciplines of behavioural sciences in an organized manner. The book is meant for the postgraduate students of Education (M.Ed.), Sociology, Psychology and Management. In addition, it will also be useful to research scholars in learning the art of doing qualitative and quantitative research studies in behavioural sciences. **Key Features** Systematic and logical organization of the subject matter providing step-by-step description of the research methodology for conducting research studies. Extensively illustrated with working examples, diagrams and tables. A comprehensive description of the essential data collection tools employed in quantitative and qualitative research studies, along with their proper construction, standardization and validation. Complete and workable description of the techniques and methods of data analysis used in quantitative and qualitative research studies. A complete chapter devoted to the use of computer technology for the execution of the quantitative and qualitative research studies.

Written in an easy-to-understand style, the text has been thoroughly revised in tune with the spirit and need of the new nomenclature Pedagogy of Social Sciences in place of the old designation Teaching of Social Studies. It reflects on the theoretical knowledge and practical skills required to teach Social Sciences in an effective manner. Introducing new chapters, the second edition of the book mainly focuses on improving the methodological concepts of the Social Sciences teachers. In doing so, it covers various strategies and devices of teaching Social Sciences, e-learning in Social Sciences, e-learning resources in Social Sciences, and professional growth of the Social Sciences teacher. Besides, the chapters of the previous edition have been updated, with the required information given in various new sections. This book is suitable for a course on 'Pedagogy of Social Sciences' for the students of B.Ed. and M.A. (Education). It can also be used for the in-service teacher education programmes organized by the Central and State education boards.

**NEW TO THE SECOND EDITION ?** In addition to the four new chapters, the book now incorporates several new sections: • Concept and meaning of the term Social Sciences; distinguishing the subject Social Sciences from Natural Sciences and the subject Social Studies; justification for using the term teaching/pedagogy of Social Sciences in place of teaching/pedagogy of Social Studies (Chapter 1) • Bloom's revised taxonomy, 2001 (Chapter 4) • Views of NCF and Focus Group (NCERT) about curriculum at the various stages of school education (Chapter 5) • Survey method and cooperative learning method for the teaching of Social Sciences (Chapter 7) • Reference books in Social Sciences (Chapter 9) • Atlases, newspapers, digital audio recorders and players and documentaries as instructional material or teaching aids (Chapter 11) • Question banks, grading system, open book examinations and use of rubrics as the means and ways for improving the evaluation programmes in Social Sciences (Chapter 23) ? Also, the chapter on 'Relationship of Social Studies with other Subjects' has been replaced with a more comprehensive and detailed chapter on 'Correlation in Social Sciences' (Chapter 6). **KEY FEATURES ?** Chapter-end summary and study questions to help readers review the important topics and drill the concept discussed, respectively. ? Numerous figures and tables to facilitate easy understanding of the concepts. ? References and Suggested Readings to provide scope for further reading.

The book is designed for the undergraduate and post graduate students of Psychology. The subject matter is well organised into thirty chapters and has been presented in a reader-friendly, simple and logical manner, integrating the essentials of Child Psychology right from their conception in the womb of the mother till their attainment of maturity in the age of adolescence. **Key Features:** Presents a comprehensive, detailed and an in-depth description of the topics covered in the text; Provides essential insights in understanding the psychology and development of growing children; Includes essential discussions about the current issues and burning problems related to the behaviour and development of children; Offers engaging language and user-friendly mode of discussion; Adequately illustrated with examples, figures and tables; Comprises chapter-end summary for quick glance of the concepts discussed in the chapter and provides references and suggested readings at the end of each chapter for going deeper into the subject matter.

Teacher education is at the base of all educational systems. To make it effective, we need an education system that equips the teacher trainees with the necessary skills to perform their tasks effectively in the classroom. This book discusses how to train teachers, improve teacher education programmes, and impart quality education. The book, now in its second edition, emphasizes development of skills in teachers, keeping in mind the rapid use of technology and changes in education policies, procedures and provisions. Each chapter has been carefully revised as per the latest NCTE norms and standards recommended by Justice Verma Commission. This well-organized book is primarily intended for the postgraduate students of Education—M.A. Education and M.Ed. Besides, teacher trainees enrolled in B.Ed. and

Diploma in teaching programmes, teacher educators, distance education school-based administrators and policymakers will also find the book useful. **KEY FEATURES** • Deals with necessary pedagogical skills and competencies to make the teachers professionally competent. • Provides a comparative study of teacher education of a number of countries to put things in the right perspective. • Makes extensive use of flowcharts and diagrams to enable the readers to understand the topics discussed with great ease. **TARGET AUDIENCE** • M.A. (Education) • M.Ed. • Teacher trainees

A comprehensive textbook covering fundamentals of psychology and its application and usage in sports and related activities. Sports Psychology is based on the premise that one's participation and performance in sports is as much psychology oriented as it is a matter of physiological skill and talent. This textbook offers to build a sound groundwork in concepts and theories of psychology for their appropriate application to enhance participation in sports activities. The contents of the book will aid students, teachers, trainers, coaches as well as players to improve and maintain their performance in various sports activities. Written in a simple and user-friendly style, the textbook covers the syllabi of psychology courses on the subject as well as course curriculums of BPEd and MPEd programmes. Besides being an indispensable asset to students, the book will prove to be beneficial for coaches and sport psychologists engaging in the task of training, coaching and guiding the trainees and athletes. **Key Features:** • Chapters arranged to aid sequential learning and understanding of the concepts with a balanced blend of theory and practice • Traces the historical evolution of sports psychology as a subject of study and its current status and future trends • Throws light on the issues related to athletes' mental health including anxiety, stress, frustrations and conflicts, aggression and violence, and sports injuries and their management • Content adequately illustrated with examples, case studies, boxed materials, figures and tables This extensively revised and fully updated second edition is designed as a textbook for M.A. (Education), M.Ed., M.A. (Psychology and Sociology) and for research students pursuing courses in Statistics related to these subjects. It takes into account the present syllabi of various universities and institutes of education across the country. **What's New to the Second Edition :** Six new chapters added with emphasis on advanced statistical concepts and techniques such as the following : - Biserial correlation, point biserial correlation, tetrachoric correlation, phi coefficient, partial and multiple correlation. - Transfer of raw scores into standard scores, T, C and Stanine scores. - Non-parametric tests like the McNemar test, Sign test, Wilcoxon test, Median test, U test, Runs test, and KS test. - Analysis of covariance. Some chapters modified and reshuffled to reflect the new emphasis. Entire text thoroughly checked and marked improvements made to bring the topics uptodate.

The big ideas of educational psychology covered in 10 chapters The first book of its kind, Essentials of Educational Psychology focuses squarely on the core concepts, principles, and underlying assumptions of the field of educational psychology-the big ideas of ed psych. Because of this focus and the book's exceptionally direct and clear presentation, Essentials is a 10-chapter book that can truly be covered and understood in a term. It is a book that enables and empowers students to understand the value and essential importance of educational psychology to becoming a qualified and effective teacher.

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