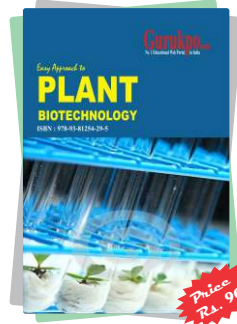


Science and Biotechnology

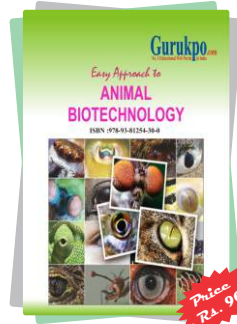


Plant Biotechnology

Author: Ritu Dhingra (M.Sc.)

ISBN: 978-93-81254-29-5 **Online Price Rs. 45**

Content: Tools of Plant Biotechnology & Plant genetic transformation, Micropropagation, Micro propagation and Variation Among Species, Gas Crops and Protoplast Culture.

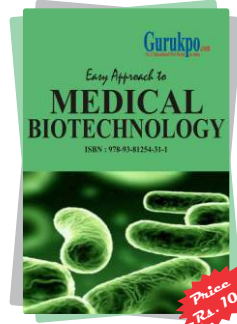


Animal Biotechnology

Author: Dr. Smita Singh (Ph.D), Dr. Leena Kansal

ISBN: 978 -93-81254-30-0 **Online Price Rs. 45**

Content: Introduction to Animal Tissue Culture, Outline of the Key Techniques of Animal, Cell Culture, Animal Cell Culture Media, Preservation of Animal Cell Lines, Oncogenes and Cell Transformation, Hybridomas and Large Scale Animal Cell Culture

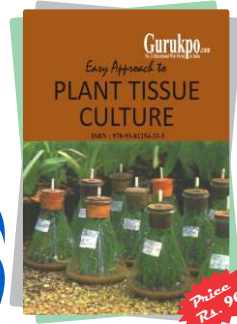


Medical Biotechnology

Author: B.L. Sharma (Ph.D), Neha Joshi

ISBN: 978-93-81254-31-1 **Online Price Rs. 50**

Content: Biomedical Engineering, Cardiovascular system, Excretory, system , Innate and Acquired Immunity, Antigens, Cell mediated cytotoxicity , Humoral immune response and Bacterial Diseases



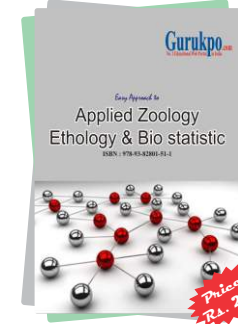
Plant tissue culture

Author: Meesha Srivastava (M.Sc. Biotech), Neha Joshi

ISBN: 978-93-81254-33-5 **Online Price Rs. 45**

Content: Historical background and terminology used in cell & tissue culture, Somatic embryogenesis and organogenesis in plant , Micropropagation and cloning of plants and Somatic hybrids

Science and Biotechnology

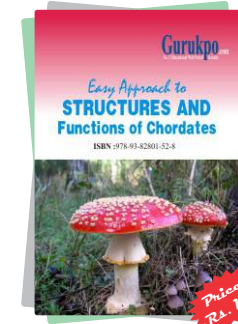


Applied Zoology Ethology & Biostatistics

Author: Priyanka Dadupanthi

ISBN: 978-93-82801-51-1 **Online Price Rs. 100**

Content: Applied Zoology: Animal Culture, Economic Importance, Insects and their Management Ethology: Introduction and History of Ethology, Concepts of Ethology and Methods of Studying Animal Behavior

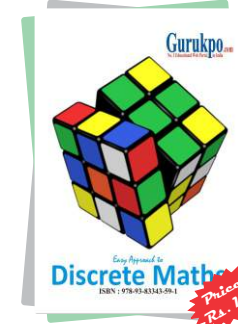


Structures and Functions of Chordates

Author: Dr B.L Sharma, Priyanka Dadupanthi

ISBN: 978-93-82801-52-8 **Online Price Rs. 75**

Content: Chordates, Comparative anatomy and Chordates Adaptations

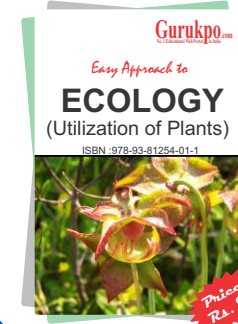


Discrete Maths

Author: Poonam Fatehpuria

ISBN: 978-93-83343-59-1 **Online Price Rs. 50**

Content: Set Theory and Relation, Boolean Algebra, Recurrence Relation and Finite State Machines and Languages, Graph and Tree



Ecology (Utilization of Plants)

Author: Dr. Anupama Goyal

ISBN: 978-93-81254-01-1 **Online Price Rs. 45**

Content: Abiotic Factors , Ecosystem , Plant Succession & Adaptations in Plants and Plant Cultivation,

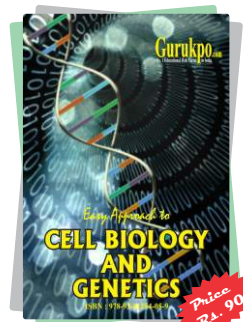
Science and Biotechnology



Diversity of Animals & Evolution (Zoology-I)

Author: Smita Singh (M.Sc., Ph.D)
ISBN: 978-93-81254-04-2 **Online Price Rs. 45**

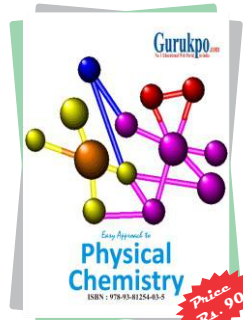
Content: Zoogeographical Distribution, Biodiversity of Fauna of India & World, Detailed Classification of Non-chordates & Chordate, General Principle of Taxonomy, Evolution, Natural Selection and Isolation



Cell Biology and Genetics (Zoology-III)

Author: Samita Singh, Shikha Mathur, Dr. Abhilasha
ISBN: 978-93-81254-05-9 **Online Price Rs. 45**

Content: Cell Structure, Cell Membrane, Nucleus, Nucleic Acid, Mendelism, Chromosomal Mutations and Cytoplasmic Inheritance



Physical Chemistry (Chemistry –III)(B.Sc-I)

Author: Meena Sharma (M.Sc. (Chemistry))
ISBN: 978-93-81254-03-5 **Online Price Rs. 50**

Content: Mathematical Concepts and Computers, Gaseous States, Molecular velocities, Liquid State, Solid State, Colloidal State and Chemical Kinetics



Algae, Lichens & Bryophyta

Author: Dr. Ruby
ISBN: 978-93-83343-31-7 **Online Price Rs. 45**

Content: Diverse Habitat, structure, reproduction and life cycle, Bryophyta, of thallus structure and Lichens

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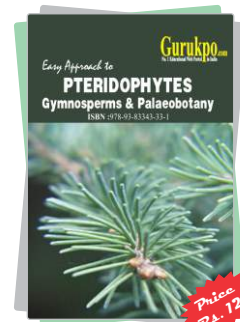
Science and Biotechnology



Microbiology, Mycology & Plant Pathology

Author: Dr. Anupama Goyal
ISBN: 978-93-83343-32-4 **Online Price Rs. 100**

Content: Bacteria and Viruses, Fungus and Plant Diseases, Life cycle of different fungi, Life History and Disease cycle of Fungi



Pteridophytes, Gymnosperms & Palaeobotany

Author: Dr. Anupama Goyal
ISBN: 978-93-83343-33-1 **Online Price Rs. 75**

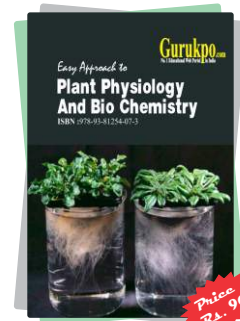
Content: Pteridophytes, Heterospory, Gymnosperms and Palaeobotany



Plant Morphology and Anatomy (Botany –I)

Author: Anupma Singh (M.Sc., M-Phil)
ISBN: 978-93-81254-11-0 **Online Price Rs. 50**

Content: Introduction, the Shoot System, The Leaf & Root System, Morphology and Anatomy Of Seed and Vegetative Reproduction etc



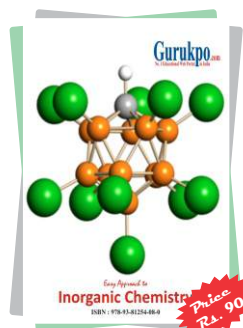
Plant Physiology & Bio Chemistry (Botany –III)

Author: Anupma Goyal
ISBN: 978-93-81254-07-3 **Online Price Rs. 45**

Content: Respiration & Photosynthesis, Plant Growth Regulators, Seed Germination, Transpiration, Enzymem, Plant Movement and Photoperiodic

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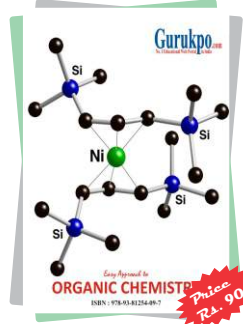
Science and Biotechnology



Inorganic Chemistry (Chemistry –I)(B.Sc-II)

Author: Dr. Rajyashree (Ph.D)
ISBN: 978-93-81254-08-0 **Online Price Rs. 45**

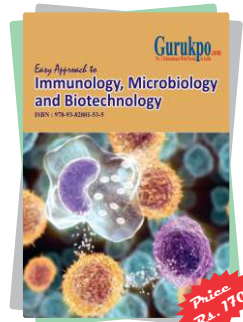
Content: Actinides, Oxidation and Reductio, Lanthanides, Coordination Compounds, Chemistry of Elements of Second and Third T. S., Acids and Base and Chemistry of elements of First Transition Series



Organic Chemistry (Chemistry –II)(B.Sc-II)

Author: Dr. Rajyashree (Ph.D)
ISBN: 978-93-81254-09-7 **Online Price Rs. 45**

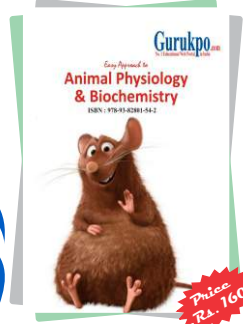
Content: Electromagnetic Spectrum, Alcohols, Phenols, Ethers & Epoxides, Aldehydes and Ketones, Carboxylic Acids, Carboxylic Acid Derivatives and Organic Compounds of Nitrogen



Immunology, Microbiology & Biotechnology

Author: Naresh Kumar Nirmal, Priyanka Khan
ISBN: 978-93-82801-53-5 **Online Price Rs. 50**

Content: Immunology, Microbiology and Biotechnology



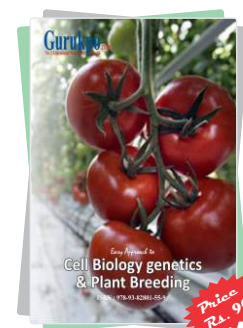
Animal Physiology & Biochemistry

Author: Dr Abhilasha, Shikha Mathur
ISBN: 978-93-82801-54-2 **Online Price Rs. 45**

Content: Osmoregulation, Digestion, Nervous system and Excretion, Circulation and Endocrinal glands, Respiration, Muscle Contraction and Biochemistry

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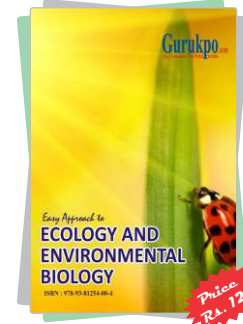
Science and Biotechnology



Cell Biology genetics & Plant Breeding

Author: Richa Tyagi
ISBN: 978-93-82801-55-9 **Online Price Rs. 100**

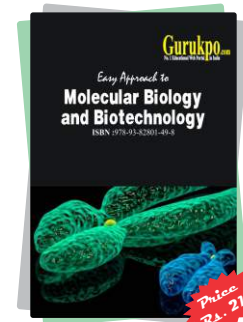
Content: Prokaryotic and eukaryotic cells, lampbrush chromosome, molecular structure of DNA and Plant Breeding



Ecology environmental Science (Zoology –II)

Author: Dr. Smita Singh (M.Sc. Ph.D)
ISBN: 978-93-81254-00-4 **Online Price Rs. 75**

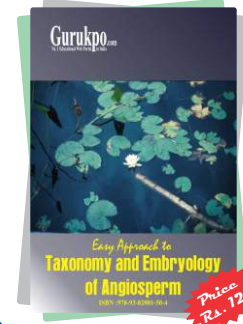
Content: Basic concepts in ecology, Ecosystem, Population & Community Ecology, Environmental Biology and Environmental Biology II



Molecular Biology and Biotechnology

Author: Neha Joshi
ISBN: 978-93-82801-49-8 **Online Price Rs. 50**

Content: History of molecular biology, Central dogma, Biotechnology and Recombinant DNA technology



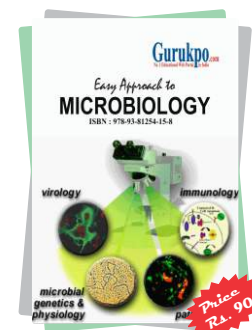
Taxonomy, Ebtryology & Aanger

Author: Dr Ruby
ISBN: 978-93-82801-50-4 **Online Price Rs. 45**

Content: Taxonomy, Families, Embryology & Development and Seed Embryology

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Science and Biotechnology

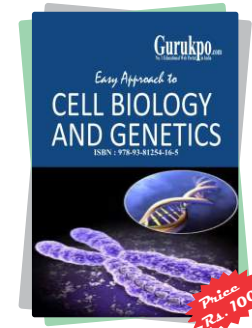


Microbiology

Author: Madhuri Sharma

ISBN: 978-93-81254-15-8 **Online Price Rs. 45**

Content: Characteristics of microbes, morphology and ultra structure of Bacteria, Culture Media Gene transfer in Bacteria and Metabolic Pathways and Bioenergetics



Cell Biology and Genetics

Author: Ritu Dhingra (M.Sc. Biotech)

ISBN: 978-93-81254-16-5 **Online Price Rs. 50**

Content: The Cell Structural Organization, Cell Cycle, Signal Transduction and its amplification, Role of Climp, Ca⁺ model of signal transduction and inositol pathway, C-CMP, Chemical composition of plasma membrane, Ma+K+pump and Intra-cullular and membrane bound receptor

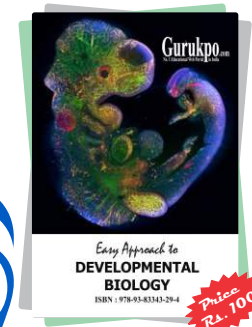


Molecular biophysics

Author: Pragya Dhakar (M.Sc. Biotech)

ISBN: 978-93-82801-45-0 **Online Price Rs. 45**

Content: Levels of molecular organization, Structure of Carbohydrates, Structure of Proteins, Structure of Nucleic Acid and Photoreception



Development Biology

Author: Ms Samita

ISBN: 978-93-83343-29-4 **Online Price Rs. 50**

Content: Plant versus animal development, Genes and their role in development, cell structure, Gametogenesis and Cell differentiation and oogenesis etc

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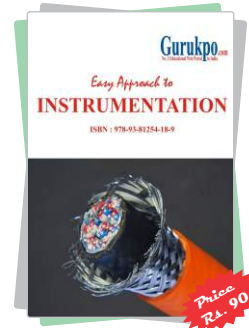


Immunology

Author: Neha Joshi

ISBN: 978-93-81254-17-2 **Online Price Rs. 100**

Content: Antigens, antibodies, antibodies, tumor immunology, Ag-Ab reactions and complement system

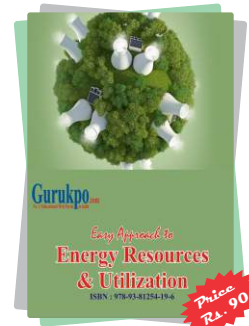


Instrumentation

Author: Smita Singh (M.Sc, Ph.D) , Madhuri Sharma

ISBN: 978-93-81254-18-9 **Online Price Rs. 75**

Content: Buffer & Electroanalytical Methods, Chromatography , Centrifugation& Gel electrophoresis, Analysis of Macromolecules, Basic of Computer

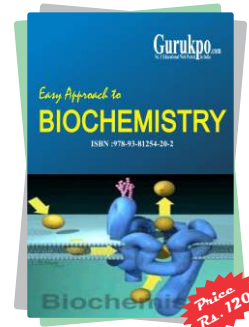


Energy Resources & Utilization

Author: Rajneesh Mishra (M.Sc. Biotech)

ISBN: 978-93-81254-19-6 **Online Price Rs. 45**

Content: History of Coal, Nature : Crude & Biocrude, Fuels : Synthetic & Biofuels, Briquetting, Gasification, Biomass, Pyrolysis, Types of Pyrolysis, Comparison of Synthetic Fuel & Biofuels , Biorefineries, Industrial Furnaces and Future Fuels



Biochemistry

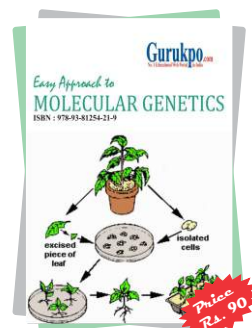
Author: Juhi Saxena (M.Sc.) , Dr. Leena Kansal

ISBN: 978-93-81254-20-2 **Online Price Rs. 60**

Content: Concept of life & Living Processes, Cell Membrane System & Cell Wall, Important Properties of Water, Nucleus & Heredity, Mitochondria & Release of Energy, Chloroplast : Capturing, Energy from Sun, Enzymes and Vitamins

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Science and Biotechnology



Molecular Genetics

Author: Pragma Dhakar (M.Sc. (Biotech))

ISBN: 978-93-81254-21-9 **Online Price Rs. 45**

Content: Macromolecular Synthesis, Gene Expression, RNA structure and Function, Mutation elementary concept, Plasmids, Recombinant DNA techniques and cloning



Bio resources & Waste Management

Author: Ritu Dhingra (M.Sc.)

ISBN: 978-93-81254-23-3 **Online Price Rs. 45**

Content: Bioresources, Biodiversity, Generation of Solid Wastes, Onsite Handling, Storage and Processing, transfer and transport, Processing and disposal methods, Recovery of resources, conversion products and energy, Industrial solid waste

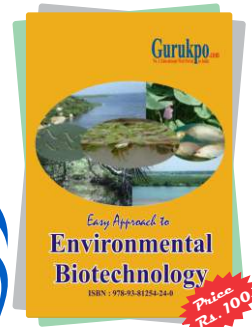


Agriculture & Forest biotechnology

Author: Priyanka Godara

ISBN: 978-93-82801-48-1 **Online Price Rs. 45**

Content: Micropropagation, Bt toxin gene, Stress, Plant tissue Culture, Somatic Hybridization, Somaclonal Variations and Plant Stresses



Environmental Biotechnology

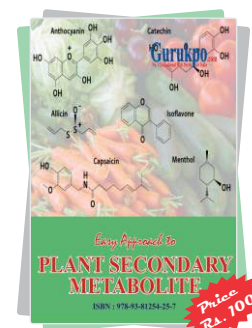
Author: Rajneesh Mishra, Richa Tyagi

ISBN: 978-93-81254-24-0 **Online Price Rs. 50**

Content: Pollutions, Activated sludge process, Fluidized bed reactor, Bioremediation, Decomposition & Contaminants, Biogas Production & Application, Waste disposal & Management, Environmental Legislation and Biologically waste water treatment

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Science and Biotechnology



Plant Secondary Metabolites

Author: Meesha Srivastava (M.Sc.), Richa Tyagi

ISBN: 978-93-81254-25-7 **Online Price Rs. 50**

Content: Production of Secondary Metabolites, Production of Alkaloids, Production of Secondary Metabolites by Bioconversion, Food Additives and Insecticides, Products Obtained in Traditional Medicinal and the Significance in Plant Biotechnology

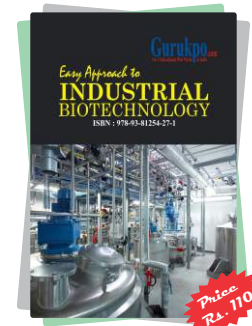


Product of recombinant molecules

Author: Tripti (M.Sc. Biotech, Pursuing Ph.D) Neha Joshi

ISBN: 978-93-81254-26-4 **Online Price Rs. 45**

Content: Introduction to gene cloning, Transgenic Microbes, Plants & Animals, Requirement of recombinant molecules, Experiments using model systems E.coli, Yeast, Baculovirus and Agrobacterium tumefaciens

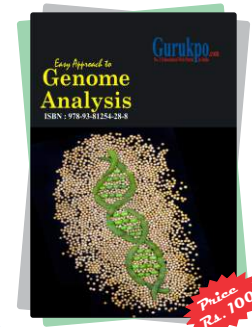


Industrial Biotechnology

Author: Ritu Dhingra (M.Sc.), Priyanka Godara

ISBN: 978-93-81254-27-1 **Online Price Rs. 55**

Content: Introduction, Classification of Microbial products, Microbial production of therapeutic, Synthesis of the commercial products by recombinant in proorganisms



Genome analysis

Author: Pragma Dhakar (M.Sc. Biotech)

ISBN: 978-93-81254-28-8 **Online Price Rs. 50**

Content: Basic structure of prokaryotic and eukaryotic genome, Chromatin model, Multigene families in human genome, C-Value paradox, genome and Human Genome project

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