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Principal
Dr. Rathi N. S.
M. Com. M. Phil. Ph.D.

Date 25 / 03 /2023

3.3.2 Number of books and chapters in edited volumes/books published and papers published in
National/International conference proceedings per teacher during last five year

Sr. No	Name of the teacher	Title of the book /chapters published	National / International	Name of the publisher
Academic Year 2019-20				
1	Mr.I.G Sayyed	Modern objective Botany	National	Garima Prakashan, Kanpur
2	Mr.I.G Sayyed	Modern Practical Botany	National	Garima Prakashan, Kanpur
3	Dr. U.E Chavan	Geography of Tourism	National	Garima Prakashan –Kanpur
4	Dr. U.E Chavan	Geography of Environment and Natural Calamities	National	Garima Prakashan –Kanpur
5	Dr. U.E Chavan	Fundamentals of GIS and Remote Sensing	National	Garima Prakashan –Kanpur
6	Mr. N.T Gawali	Glossary of Research Terms	National	Kranti Publication Georai Beed
7	Dr. V.V.Vaidya	Insect Taxonomy	National	Kranti Publication Georai Beed
8	Dr.S.S Jadhav	Introduction to Biochemistry	National	Kranti Publication Georai Beed
9	Mr. N.G Karale	Comprehensive English Grammar	National	Kranti Publication Georai Beed
10	Mr. S.M Jagadale	Soil Chemistry and Nutrient Management	National	Kranti Publication Georai Beed
11	Mr.S.R Hase.	Fundamentals of Computer Application	National	Kranti Publication Georai Beed

12	Dr. P.B Jadhvar	Fruit Plant Diseases and Management	National	Kranti Publication Georai Beed
13	Mrs. M.N Nath	Entrepreneurship	National	Kranti Publication Georai Beed
14	Dr. K.N Koinkar	Techniques of Chromatography	National	Kranti Publication Georai Beed
15	Mrs. S.R Deshmukh	Dye- Surfactant and Heavy Metal Ions Interactions	National	Lulu Publication 3101 Hillsborough St,Releigh ,NC27607,United states.
		Academic Year 2019-20		
		Nil		
		Number of Papers Published in Proceedings		
		Academic Year 2019-20		
		Nil		




Principal

Shri Amolok Jain Vidya Prasarak Mandal's
Shrimati Shantabai Kantilal Gandhi
Arts, Amolok Science, Panajai Hiratal
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Kada, Tal.Ashti, Dist.Beed

MODERN OBJECTIVE BOTANY

The study of Botany, dealing with the structure, function, classification and evolution of plants, has inspired many great minds. Plants are unique as solar energy converters and providers of energy for all heterotrophic organisms. It is fascinating to study the wide spectrum of reproductive processes in algae, fungi, lichens, bryophytes, gymnosperms, and flowering plants. Botany is one of the main branches of Biology (zoology being the other); it is the systematic and scientific study of plants. Botany covers a lot of scientific disciplines, such as chemistry, pathology, microbiology etc. Botany also covers specific sciences that cater for a specific study area in plant life such as Photochemistry that deals with chemical reaction, product and chemical derivatives in plants as well as its effects on other biological species, Plant Anatomy and Morphology which deals with structures, evolution, process and mechanism of plant parts and Taxonomy which is the science of describing, naming, and classifying of organisms. New sciences such as Genetic Engineering which caters the issue of Genetically Modified Organism (GMO), Economic Botany which deals on how to utilize the plant kingdom and even Forensic Botany, that uses plant to find clues for crimes. This book includes classification, different groups of plants and scope of Botany etc. which may be helpful for the students. The book effectively guides the students to facilitate their work in laboratory. Useful for degree and post-graduate students of Botany.

Contents

Introduction to Botany • Anatomy of Plants • Classification of plants • Benefits of Economic Botany • Basics of Algae • Characteristics of Fungi • General characters and classification of Bryophyta • Pteridophyta • Gymnosperms • Angiosperms • Ecology of plants • Evolution of plants • Plant Pathology



Prof. Sayyad Innus Gafur - was born on 1st June 1967 at Takali (Kh), tal: Karjat Dist: Ahmednagar (M.S). He is warming as Head Department of Botany science 1996 in Smt. S.K. Gandhi Art's, P.H Gandhi Commerce, And Amolak Science College Kada, Tal: Ashti Dist: Beed (M.S). He has 22 years Teaching experience in the subject of Botany He obtained his M. Phil degree from Allagappa University TamilNadu (T.N). He has contributed more than 15 Research paper in National and International conferences. he worked as program officer in National service scheme. he had rich experience of conducting several extension activities in rural and slum area to enhance the capability and skills of the community in relation to their service areas through N.S.S



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ISBN: 978-93-82730-71-3

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MODERN OBJECTIVE BOTANY

Sayyad Innus Gafur

MODERN OBJECTIVE BOTANY

Sayyad Innus Gafur



GARIMA

Modern Practical Botany

Practical Botany aims to provide the students, a useful hand book to guide them in the proper study of the subject material. A systematic, structured and disciplined method of work is necessary in the laboratory to obtain maximum benefit. In order to help the students realize their goal practical manuals indeed play an important role. The book has been written in such a way to develop those skills as they learn about plants, what plants are, how they function, how they interact with each other and the environment, where they came from, and how we use them. As is the nature of all textbooks, it contains an abundance of interesting "facts" but the real emphasis of this practical book is how we know. This laboratory manual must be used in conjunction with textbooks of botany. The Introduction presents general instructions for practical work and for the keeping of practical notebooks and a list of apparatus and instruments required, as well as a summary of the characteristics of living organisms, the differences between plants and animals and the principles of plant classification. The book effectively guides the students to facilitate their work in laboratory. Useful for degree and post graduate students of Botany. In order to help the students realize their goal practical manuals indeed play an important role. Utmost care is taken in the presentation of matter, style of writing and choice of illustrations so that the book is user friendly.

Contents

Plant Physiology • Laboratory Methods in Algae • Fungi and Its Classification • Methods of Studying Plant Diseases • Plant Bacteria and Viruses • Comparative Study of Pteridophytes • Gymnosperms plant • Plant anatomy • The Cell: Structure and Its Components • Mendel's Laws of Inheritance • Plant Breeding • Crop Improvement • Economic Botany



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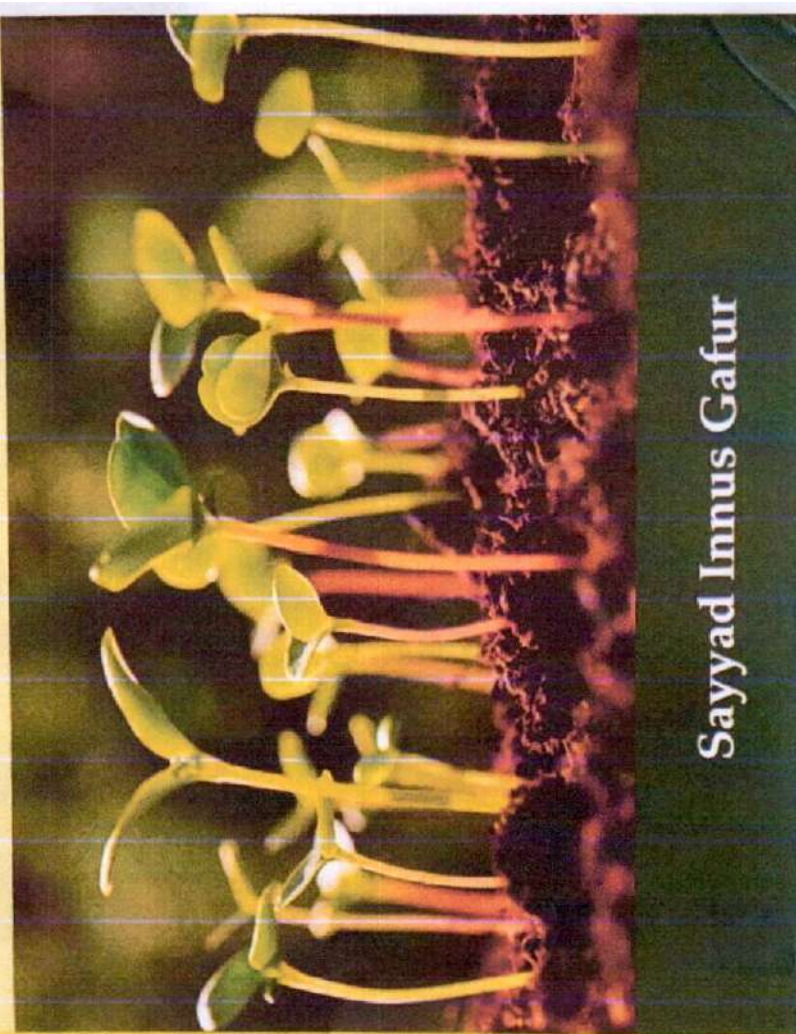


Modern Practical Botany

Sayyad Innus Gafur



Modern Practical Botany



Sayyad Innus Gafur

Geography of Tourism

Tourism geography is the study of travel and tourism, as an industry and as a social and cultural activity. Tourism geography covers a wide range of interests including the environmental impact of tourism, the geographies of tourism and leisure economies, answering tourism industry and management concerns and the sociology of tourism and locations of tourism. Tourism industry in India is growing and it has vast potential for generating employment and earning large amount of foreign exchange besides giving a fillip to the country's overall economic and social development. The culture tourism scenario prevailing in India is dealt in detail. Similarly, the relationship between heritage tourism and rural tourism has been analyzed. The tourism industry generates substantial economic benefits to both host countries and tourists' home countries. Especially in developing countries, one of the primary motivations for a region to promote itself as a tourism destination is the expected economic improvement. As with other impacts, this massive economic development brings along both positive and negative consequences. Tourism is an intensely geographic phenomenon. If we view human geography as being concerned essentially with the patterns and consequences of the economic, social, cultural and political relationships between people, and between people and the spaces and places that comprise their environment, then the annual migration of millions of travellers worldwide within the activity that we label as 'tourism' is a process that human geographers should not ignore. This book tries to delve deep into various aspects of tourism development. This book intends to explore principles of tourism development. This will prove high informative and useful for academics and professionals in the field.

Contents

Introduction to Tourism Geography • Geographical Phenomenon of Tourism • The Nature-based Eco-tourism • Tourism Development in India • Development of International Tourism • Development of Tourism in Maharashtra • Development of Tourist Centres in India • Infrastructure of Tourism • Cultural and Heritage Tourism • Tourism Pilgrimages • Adventure in Tourism • Tourism in the Himalayas • Economic and Social Development in Tourism • Environmental Management of Tourism Development • Economic Impacts of Tourism • Marketing of Modern Tourism • Wildlife Tourism • Tourism Promotion • Tourism in Developing Countries



Dr. Udhav Eknath Chavan has been working as assistant professor of Geography, Head of department of geography (UG & PG) from 1999. He obtained his post graduate degree from University of Pune, M.Phil. from Tilak Maharashtra University Pune and Ph.D. in Agriculture Geography from Dr. Babasaheb Ambedkar Marathwada University Aurangabad. He started his professional career as an Assistant Professor in Geography in Shri. Amolak Jain Vidya Prasarak Mandal's Smt. S.K. Gaudhi Arts, P.H. Gandhi Commerce & Amolak Science College Kadal, Tq. Ashti Dist. Beed.

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GEOGRAPHY OF TOURISM

Dr. Udhav Eknath Chavan



Dr. Udhav Eknath Chavan

GEOGRAPHY OF TOURISM



Geography of Environment and Natural Calamities

The whole fabric of a geographical study is based on man-environment relationship. Environmental degradation is intimately associated with the intensifying human impact on his surroundings. Right from the beginning, geographers have not only discussed the various components of an ecosystem and their impact on man but also examined the environmental problems, both global and regional, as well as the question of sustainable development. The present book is an interdisciplinary analysis of the natural and anthropogenic components of the environment. The environment is our physical surroundings. This includes both human social and physical features. Environmental geography deals with the dynamics of earth's surface features. It is linked to hydrology, environmental geology, and other facets of both geography and geology. It is also concerned about human action in the environment. A natural disaster is the effect of a natural hazard - (e.g. flood, tornado, hurricane, volcanic eruption, earthquake, or landslide) that affects the environment, and leads to financial, environmental and/or human losses. Natural disasters are caused by hydro-meteorological, climatological, geophysical and biological phenomena which adversely impact on the natural and built environment of affected regions. Their effects in terms of victims and material damage exceed the capacity for self-recovery of local communities, making external assistance necessary. Natural disasters are changes which are so great they may cause damage to the shape of the land or to the lives of people and other living things. The book is an essential reading for the students of geography and environmental science. It will also be of value to a broader social science audience interested in the application of social knowledge to the understanding of environmental problems at the global and local scale.

Contents

Definition of Environmental Science • Environmental Ecology • Principle and Structure of Ecosystems • Different Types of Ecosystems • Problems of Ecosystem and Environmental Global Warming • Nature and Scope of Natural Calamities • Earthquake and Volcano • Drought and Floods • Biological Hazards • Global Warming and Green House Effects



Dr. Udhav Eknath Chavan has been working as assistant professor of Geography, Head of department of geography (UG & PG) from 1999. He obtained his post graduate degree from University of Pune, M.Phil. from Tilak Maharashtra University Pune and Ph.D. in Agriculture Geography from Dr. B.K. Sahasrabudhe Ambedkar Marathwada University Aurangabad. He started his professional career as an Assistant Professor in Geography in Shri. Amolak Jain Vidya Prasarak Mandal's Smt. S.K. Ganpathi Arts, P.H. Gandhi Commerce & Amolak Science College Kadda, Tq. Ashli Dist. Beed. He has been actively engaged in teaching, learning, evaluation and

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Geography of Environment and Natural Calamities

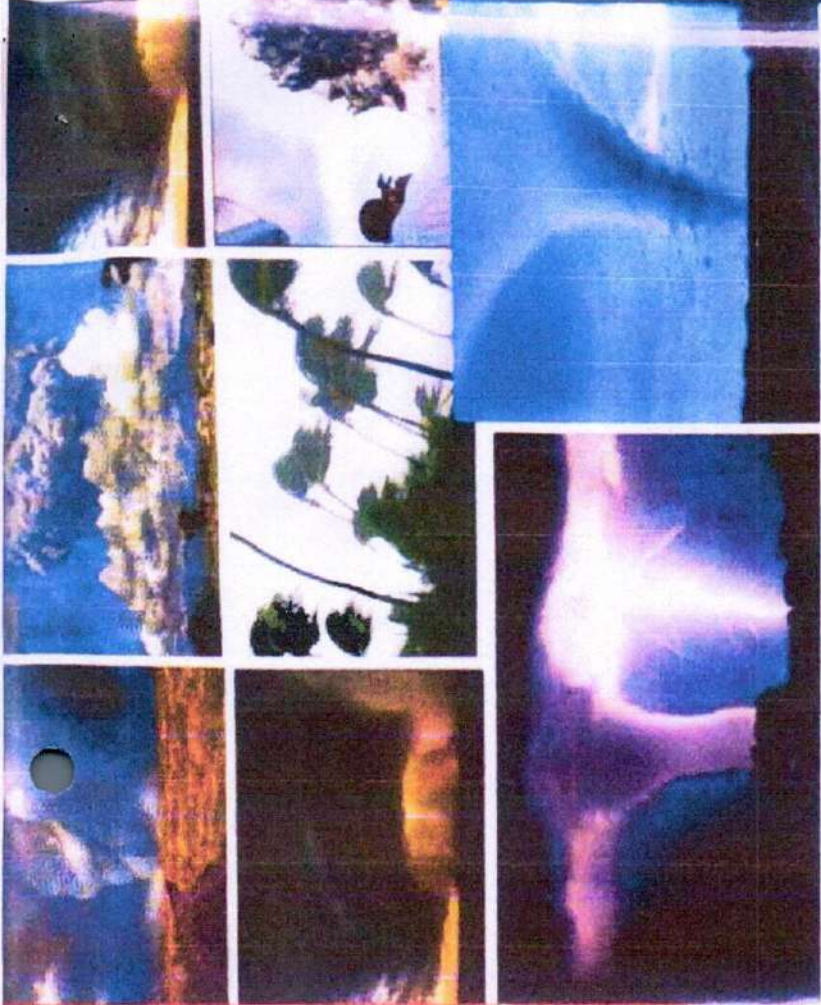
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Garima

Geography of Environment and Natural Calamities

Dr. Udhav Eknath Chavan



Fundamentals of GIS & Remote Sensing

Geographical Information System (GIS) techniques are being widely used since last two decades, mainly by earth scientists, geologists, geographers, regional planners, environmentalists in the fields of mineral explorations, archaeological excavations, geographical and topographical analysis, terrain studies, urban planning, regional planning, natural resources management, natural disaster management etc. A Geographic Information System combines computer cartography with a database management system. The major components common to a GIS. Remote sensing may be taken to mean the observation of, or gathering information about, a target by a device separated from it by some distance. Remote sensing instruments are of two primary types—active and passive. Active sensors, provide their own source of energy to illuminate the objects they observe. In satellite remote sensing of the earth, the sensors are looking through a layer of atmosphere separating the sensors from the Earth's surface being observed. The book provides a comprehensive coverage of techniques, applications and technologies of remote sensing and Geographical Information System (GIS). This book should be useful to remote sensing scientists and engineers, geographers, geologists, ecologists and environmental scientists, agricultural and soil scientists.

Contents

- Introduction to GIS • Data Models • Data Visualization • Introduction to GIS Software (Open Source) • Introduction to Remote Sensing • Characteristics of Electromagnetic Radiation (EMR)
- Fundamentals of Aerial Photography • Introduction to Digital Photogrammetry • Basics of Satellite Remote Sensing • Platforms and Orbits • Sensors and Scanning Systems • History of Indian Remote Sensing Program



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Fundamentals of GIS & Remote Sensing

Dr. Udhav Eknath Chavan



Fundamentals of GIS & Remote Sensing

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GLOSSARY OF RESEARCH TERMS



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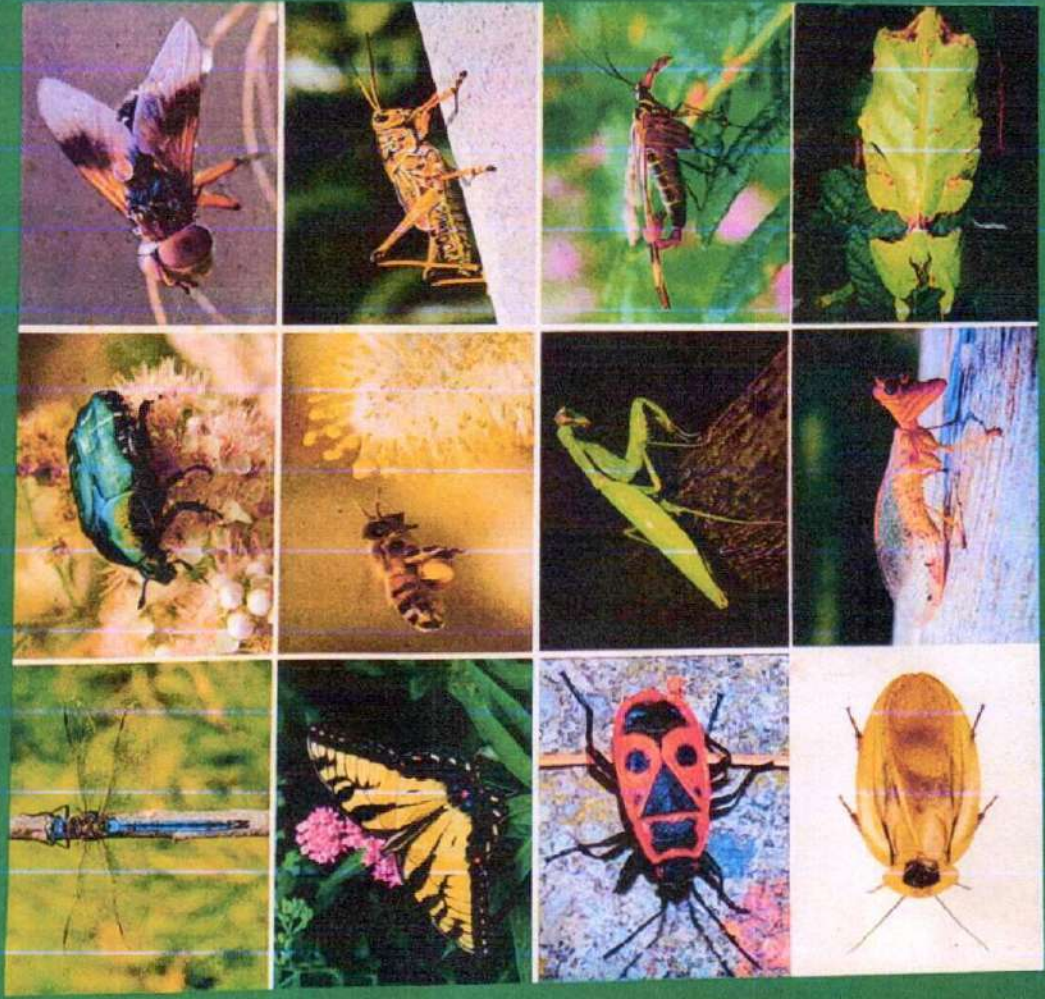
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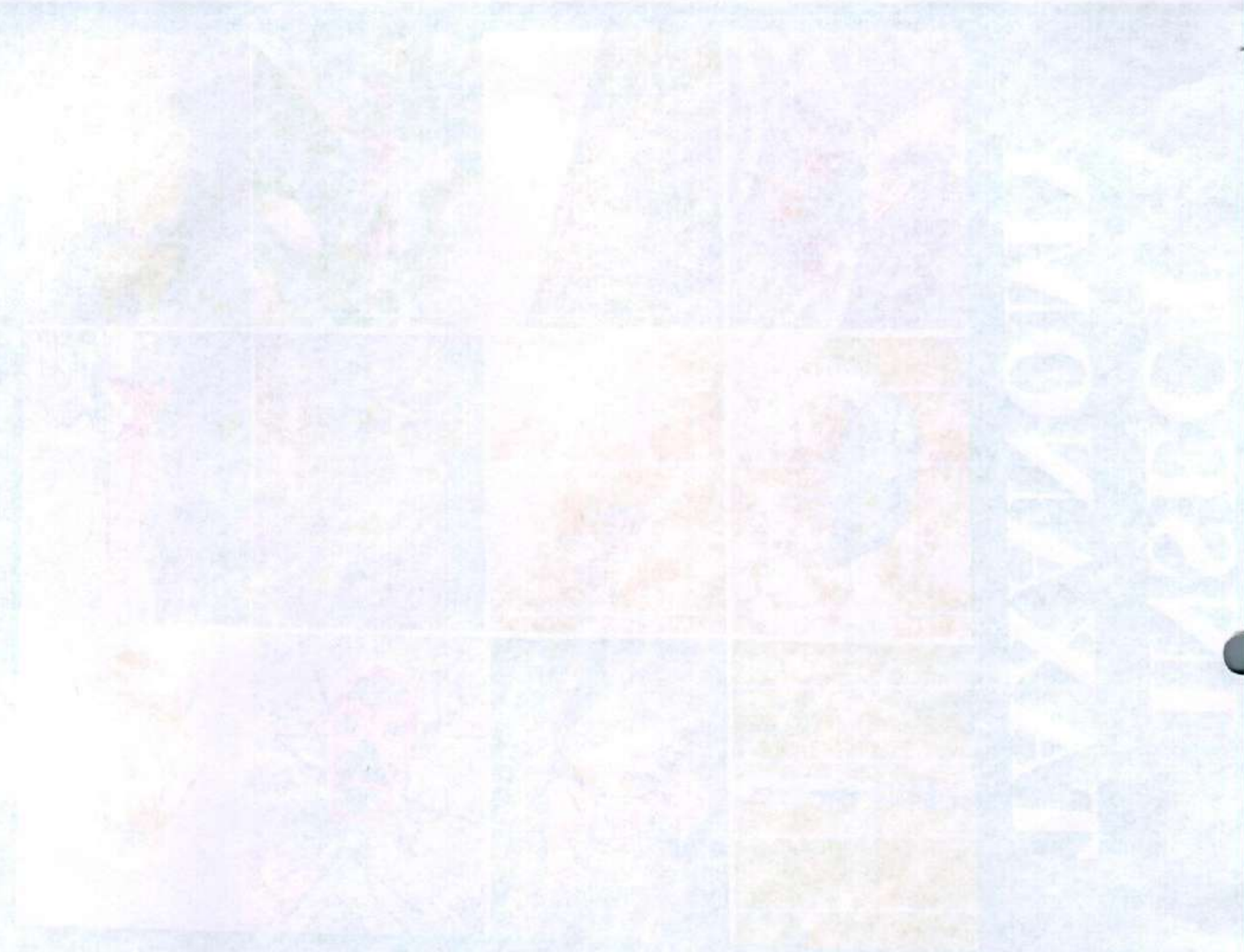
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1. Introduction
2. The Life Cycle
3. The Stages of the Life Cycle
4. The Impact of the Life Cycle
5. The Future of the Life Cycle

6. The Role of the Life Cycle
7. The Importance of the Life Cycle
8. The Challenges of the Life Cycle
9. The Opportunities of the Life Cycle
10. The Conclusion of the Life Cycle

11. The Summary of the Life Cycle
12. The Final Thoughts on the Life Cycle

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Mr. Somnath R. Hase



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FRUIT PLANT DISEASES AND MANAGEMENT

The cover features a central illustration of a mango. The mango is depicted with a large, dark, irregular lesion on its surface, which is characteristic of a fungal disease. The mango is set against a background of green leaves and a dark sky. The title 'FRUIT PLANT DISEASES AND MANAGEMENT' is written in large, white, bold, sans-serif capital letters at the top of the cover. The author's name 'Dr. Prakash B. Jadhavar' is written in white, sans-serif capital letters at the bottom right of the cover. The cover has a dark, textured background and shows signs of wear, including a vertical tear on the left side and three circular punch holes.

Dr. Prakash B. Jadhavar



Fruit Plant Diseases & Management : Dr. Jadhavar P. B.

First Edition : September, 2019

Dr. Jadhavar Prakash B.

Published By :

Kranti Prakashan

Georai, Dist. Beed 431127

Mo. 7875827115

Printers : Shri Swami Samarth Enterprises, Kalamb

Cover Page & Type Setting : Mr. Ganesh Satpute

Pages : 120

Price : Rs. 150/-

● ISBN : 978-81-942471-3-5

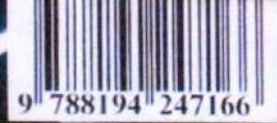
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Kranti Publication

Georai, Dist. Beed - 431127
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ISBN 978-81-942471-6-6



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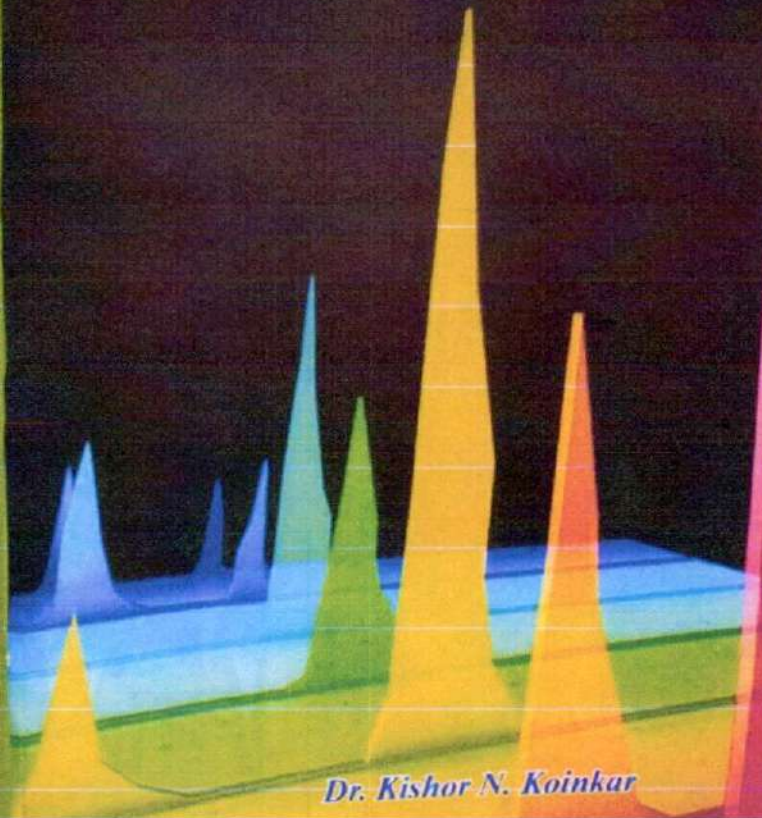
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Georai, Dist. Beed - 431127
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ISBN : 978-81-942471-7-3



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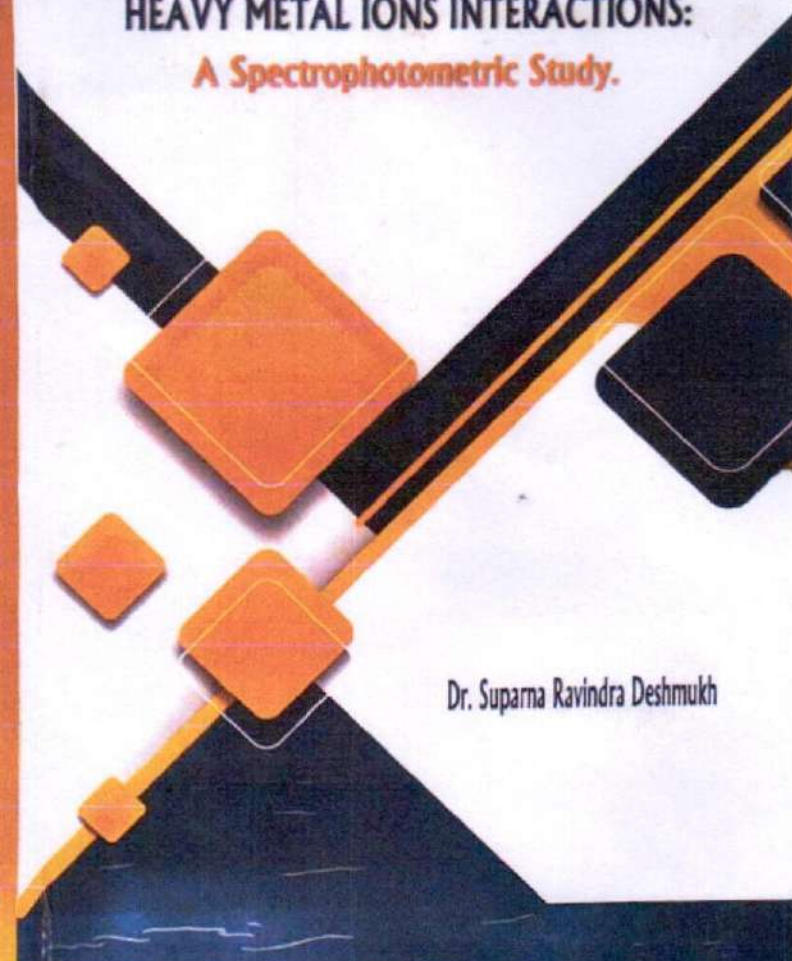
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DYE - SURFACTANT AND HEAVY METAL IONS INTERACTIONS: A Spectrophotometric Study.



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