

Fundamentals of **MYCOPATHOLOGY**



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Kripa Drishti Publications, Pune.

Fundamentals of Mycopathology

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Book Title: Fundamentals of Mycopathology

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1st Edition

ISBN: 978-93-90847-91-4



Published: **September 2021**

Publisher:



Kripa-Drishti Publications

A/ 503, Poorva Height, SNO 148/1A/1/1A,

Sus Road, Pashan- 411021, Pune, Maharashtra, India.

Mob: +91-8007068686

Email: editor@kdpublications.in

Web: <https://www.kdpublications.in>

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PREFACE

I feel extremely privileged and delighted to present you "*Fundamentals of Mycopathology*". This book is a compilation of different chapters of mycology and plant pathology for undergraduate studies in Botany according to Choose Based Credit System (CBCS) curriculum of U.G.C. This book intends to provide an overview of fungal diversity and their mode of life cycle. Fungi are of great interest to the pharmaceutical and agrochemical industries because of the diverse bioactive compounds produced by these organisms. In addition, many fungi have negative effect on plant that may causes different types of plant diseases. Keeping this in mind, I have tried my best to gather up-to-date information on different topics in this book. I am sure that the book will introduce the reader very well about the fungi and its interaction to plant. I wish wide circulation of this book "*Fundamentals of Mycopathology*" and hope this book truly fulfils its objective for which it is being published.

Dr. Parimal Mandal

Acknowledgement

It is my privileged to express my sincere and heartfelt gratitude to my mentor and well-wisher Professor (Dr.) Aniruddha Saha, Department of Botany, University of North Bengal for his valuable suggestions and cooperation at all stages of our work. I am also highly grateful to my parents, my colleagues, research scholar and students for their mental support and encouragement. Sincere thanks also go to Tapasi Deb Mandal and Sri Patradeep Deb Mandal for encouraging writing this book with providing space for practical work and endless support. We express our sincere thanks to M/S. Kripa Drishti Publication House for cooperation and publishing the book within stipulated time with an elegant and attractive format. Any comments and suggestions for further improvement of the book will be gratefully appreciated.

Dedication

The book entitled “*Fundamentals of Mycopathology*” is dedicated to the Day of 5th September Teacher’s Day to **honour my parents and teachers** for their everyday guidance to help me succeed in my paths.

*“Teachers are the backbone of any country, the pillar upon which all aspirations are converted into realities” by **Dr. APJ Abdul Kalam***

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Kripa-Drishti Publications
A-503 Poorva Heights, Pashan-Sus Road, Near Sai Chowk,
Pune - 411021, Maharashtra, India.
Mob: +91 8007068686
Email: editor@kdpublications.in
Web: <https://www.kdpublications.in>

Price: ₹ 450

ISBN: 978-93-90847-91-4

