

**BIODIVERSITY**  
**AND**  
**BIOPROSPECTING**  
**FOR**  
**SUSTAINABLE RESOURCE USE**



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**Kripa Drishti Publications, Pune.**

# **BIODIVERSITY AND BIOPROSPECTING FOR SUSTAINABLE RESOURCE USE**

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Book Title: **Biodiversity and Bioprospecting for Sustainable Resource Use**

Edited By: **Dr. Debabrata Das, Dr. Pampi Ghosh**

Price: ₹500

ISBN: 978-93-48091-57-4



Published: **Jan 2025**

**Publisher:**



**Kripa-Drishti Publications**

A/ 503, Poorva Height, SNO 148/1A/1/1A,  
Sus Road, Pashan- 411021, Pune, Maharashtra, India.

Mob: +91-8007068686

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## **PREFACE**

We see many plants and animals that are available in our surroundings. Tiny microorganisms of diverse kind, and the culture organisms in laboratory are sound resource to manage many discomfort areas. In agriculture, fishery, forestry, horticulture, rooftop gardening beneficial microorganisms are used. We need technology for isolation and culture even to identify them for resource use. This is because of the high demand over the present knowledge to maintain the environmental balance. Some knowledge we received from the old aged people even from the ethnic people who believed to the nature and natural forces and offer the resource to nature for betterment of the society. The value-based identity and the use of resources from microbes to higher plants are necessary to main the ecosystem balance. But in contrast, some plants and animals are not easily recognized and not usable by us due to non-transparency of knowledge over time. Therefore, its urgent need to identify all usable microbes, animals and plants locally and regionally to understand the name, local name, use and pattern of use even conservation strategies. Experts' recommendations, peoples' participation and Govt. efforts may raise the voice for better management and resource use everywhere over time. Keeping these views in mind, in the book, authors and editors are trying to reflect ideas on biodiversity and bioprospecting and use of plants, microbes and animals to manage the society's development. Hope that people may get facility from the book to manage resource more diverse in way in future.

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### **Kripa-Drishti Publications**

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Pune - 411021, Maharashtra, India.

Mob: +91 8007068686

Email: editor@kdpublishations.in

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

Price: ₹ 500

ISBN: 978-93-48091-57-4



9 789348 091574