

## **About the Book**

*Gradual changes in the environment have tremendous impact on growth performance of plants, which has been duly documented. However, It seems that properties of medicinal plants relation to environmental change are yet to be evaluated as thoroughly as to satisfy a variety of relevant queries and concerns. This book, medicinal plants in changing environment, comprising 17 chapters on relevant topics contributed by experts of the subject forms a comprehensive treatise, providing in-depth analysis of the subject in question. This well cater to the need of all those working on, dealing with in even thinking about environmental issues and/or medicinal plants.*

### **Contents:**

- 1. Characterization of controversial plant drugs and effect of changing environment on active ingredients*
- 2. Non-transgenic molecular approaches for improving cymbopogon species for aromatic and medicinal uses*
- 3. Influence of trace elements pollution on medicinal chemistry and physiology of Lichens*
- 4. Secondary metabolite production of medicinal and aromatic plants as influenced by nutrients heavy metals*
- 5. Turkish Mediterranean medicinal plants in the face of climate change*
- 6. Genetic capacity of some medicinal plants to accumulate heavy metals*
- 7. Environmental stress enhances the level of secondary metabolites in medicinal plants*
- 8. Lead and salinity stress in plants with special reference to Artemisia annua and cassia angustifolia*
- 9. Conservation and reproductive biology of aconitum*
- 10. Conservation of medicinal and aromatic plants of northeast India*
- 11. Relevance of biotechnological tools for conservation of plant resources*
- 12. Taxonomy, ecology and distribution of medicinally important herbaceous species of phyllanthus in India*
- 13. Authentication of medicinal plants:*
- 14. Techniques for seed germination and cultivation of some desert medicinal plants*
- 15. Phytochemistry and pharmacology of some medicinal plants*