

INTRODUCTION TO **FORESTRY & AGROFORESTRY**

K.T. Parthiban • N. Krishnakumar • M. Karthick



Introduction to Forestry and Agroforestry

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PREFACE

Forestry as a professional course has started its inception in 1985 under the consideration of Indian Council of Agricultural Research in order to create the professional man power needs of the country. This has attracted several State Agricultural Universities which resulted in the birth of exclusive forestry colleges and the professional B.Sc (Forestry) degree programme across the country. Similarly forestry and agroforestry as a subject of interest has been included in several undergraduate programmes of B.Sc (Agriculture), B.Sc (Horticulture), B.Sc (Sericulture), B.Sc (Botany), B.Sc (Environmental Science). These educational programme demanded comprehensive text books to cater to the educational needs of the graduating scholars. Hence the current book on *Introduction to Forestry and Agroforestry* has been conceived and presented with the - state of the art recent developments in forestry and agroforestry.

The book encompassed 19 chapter which ranges from basic aspects of forestry like Forests and Forestry, Forest Classification and Types, Forest Resources of Important Countries, The State of World's Forest, The State of Indian Forest, to Silviculture of Commercial Important Trees and Silvicultural Principles and Practices. Apart from the fundamental concepts book also incorporated the application oriented topics such as like Forest Utilization, Forest Mensuration, Agroforestry, Social Forestry, Joint forest management and Dendro Energy Resources. These subjects could help the graduating scholars in understanding the practical as well application oriented aspects of forestry. The incorporation of environmental aspects of forestry particularly global warming and carbon sequestration will help the scholars to acquaint the knowledge on environment. The sixteenth chapter on wood based industries shall give overall industrial participation in forestry sector. The inclusion of organizations involved forestry development and the important dates and events in forestry will extent all needed information to the scholars not only for academic purposes but also for all their competitive needs. The last chapter on Acts and Policies will be useful to the graduating scholars on the importance of legal and policy issues in forest management and conservation.

This book on *Introduction to Forestry and Agroforestry* has been designed not only for forestry graduates but also, for other graduates of Agriculture, Horticulture, Sericulture etc., to meet their academic and competitive examinations demands. The book will also act as a master piece of information for all the graduates and other stakeholders to meet the academic requirement besides satisfying the competitive examination requirement.

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M. Karthick

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