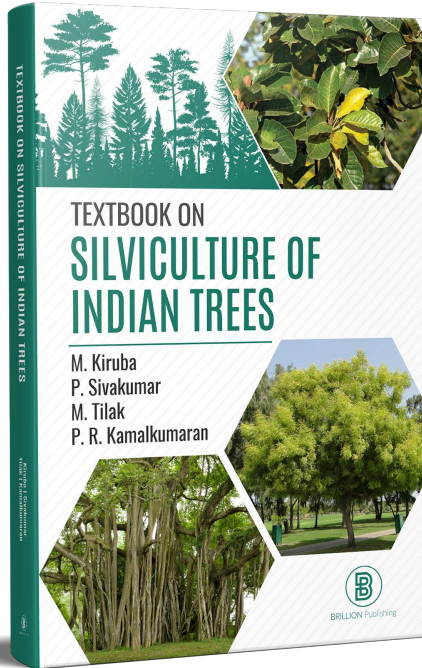




TEXTBOOK ON SILVICULTURE OF INDIAN TREES



Silviculture is the practice of controlling the establishment, growth, composition, health, and quality of forests to meet diverse needs and values. In the context of Indian trees, silviculture plays a crucial role in sustainable forest management and conservation efforts. Different species of trees in India require specific silvicultural practices based on their growth characteristics, ecological requirements, and economic value. Silviculture of Indian trees involves activities such as site preparation, planting, thinning, pruning, and harvesting to ensure optimal growth and productivity of forests. It also includes measures to enhance biodiversity, protect against pests and diseases, and promote ecological resilience. Sustainable silvicultural practices are essential for maintaining the health and productivity of Indian forests, supporting biodiversity, and meeting the diverse needs of local communities and industries. Various organizations and government agencies in India are involved in promoting sustainable silvicultural practices to conserve forests, enhance biodiversity, and support the livelihoods of local communities. Research and development efforts are also ongoing to improve silvicultural techniques and adapt them to changing environmental conditions.

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(Contents)

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- *Grewia tiliaefolia* (Chadachi)
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- *Swietenia macrophylla* (Mahogany)
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- *Cedrus deodara* (Deodar)
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- *Pinus roxburghii* (Chir)
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- *Terminalia alata* (Marutham)

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