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EXCITING INDIA

A VISUAL JOURNEY

Tuttle Publishing This India travel pictorial captures the mind-boggling geographic and cultural diversity of the Indian subcontinent. Exciting India brings readers the major attractions of India through spectacular photographs. The heart of India is the densely populated Gangetic plain, the home of great civilizations for over 5,000 years. To the north of the the of the plain lies the spectacular Himalayan range which has been described as the finest natural combination of boundary and barrier that exists in the world, with some of the highest peaks in the world, including Mount Everest. India is a land of numerous rivers, most of them centres of pilgrimage. The Ganges is the most famous of the holy rivers and it flows through towns of great sanctity, such as Rishikesh, Hardwar and Benares. Further south, along the western and eastern coastlines, are Goa, Kerala and Lakshadweep — ideal getaways with pristine beaches and scenic waterways. Forts, palaces, temples, vibrant markets and living cultural traditions are to be found across the length and breadth of this vast landscape, making a visit here a truly enriching experience.

ADVANCED ENGINEERING MATHEMATICS

Alpha Science International Limited This work is based on the experience and notes of the authors while teaching mathematics courses to engineering students at the Indian Institute of Technology, New Delhi. It covers syllabi of two core courses in mathematics for engineering students.

SOMATIC EMBRYOGENESIS IN WOODY PLANTS

VOLUME 2 — ANGIOSPERMS

Springer Science & Business Media The quality of human life has been maintained and enhanced for generations by the use of trees and their products. In recent years, ever rising human population growth has put tremendous pressure on trees and tree products; growing awareness of the potential of previously unexploited tree resources and environmental pollution have both accelerated development of new technologies for tree propagation, breeding and improvement. Biotechnology of trees may be the answer to solve the problems which cannot be solved by conventional breeding methods. The combination of biotechnology and conventional methods such as plant propagation and breeding may be a novel approach to improving and multiplying in large number the trees and woody plants. So far, plant tissue culture technology has largely been exploited in the propagation of ornamental plants, especially foliage house plants, by com mercial companies. Generally, tissue culture of woody plants has been recal citrant. However, limited success has been achieved in tissue culture of angiosperm and gymnosperm woody plants. A number of recent reports on somatic embryogenesis in woody plants such as Norway spruce (Picea abies), Loblolly pine (Pinus taeda), Sandalwood (Santalurn album), Citrus, Mango (Mangifera indica), etc. , offer a ray of hope of: a) inexpensive clonal propa gation for large-scale production of plants or "emblings" or "somatic embryo plants", b) protoplast work, c) cryopreservation, d) genetic transformation, and e) artificial or manufactured seed production.

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