

Plant Reproductive Biology and Conservation

Reproductive biology of plants is an emerging frontier area in plant sciences. Recent advances in research in this field are laying foundations for major conservation programmes initiated for protection of plant species all over the world. Reproductive mechanisms that operate in plants account for the diversity and evolution of many important families.

The present volume is a compilation of eighteen chapters written by eminent scientists who work on various aspects of plant reproduction, conservation of species, and molecular characterization of reproductive traits. It gives updated literature on the topics of academic and research interest. Also, the endeavour is to incite inquisitive youngsters to pursue research in this field. The book is well illustrated and makes an interesting reference material for undergraduate as well as postgraduate students.

Dr Rupam Kapoor is an Associate Professor in the Department of Botany, University of Delhi. She has co-authored 34 research papers in international journals with high impact factors. Besides, she has contributed chapters in edited volumes of international repute. For her contribution and outstanding research work, Dr. Rupam Kapoor has been awarded Y.S. Murty Medal for Young Scientist by Indian Botanical Society. Dr. Rupam is also a recipient of various fellowships including DST-BOYSCAST overseas fellowship. Under this scheme she worked at the University of Alabama in Huntsville, USA on molecular aspects of plant-microbe interaction. She has served as the Editor-in-Chief of *The Botanica* published by Delhi University Botanical Society. Dr. Rupam has made significant contributions in many other academic domains and has been the organizing secretary of many national conferences.

Dr Inderdeep Kaur is an Associate Professor in Department of Botany, Sri Guru Tegh Bahadur Khalsa College, University of Delhi. She received her Doctoral degree from University of Delhi and continued research in the field of reproductive biology of seaweeds. She has made significant contributions and has over 40 publications in national and international journals of repute. Dr Inderdeep has also presented her work in over half a dozen international conferences. Dr Inderdeep retains interest in contemporary fields of plant sciences and has contributed chapters on various topics in national and international editions. Dr Inderdeep has been teaching reproductive biology of flowering plants to undergraduates for more than a decade and is actively engaged in collaborating research projects for undergraduates in college. Dr. Inderdeep has successfully handled and completed a few R&D projects and has supervised several students for research at all levels including doctorates.

Dr Monika Koul is an Assistant Professor in the Department of Botany, Hans Raj College, University of Delhi. She is involved in teaching of plant embryology and plant reproductive ecology to the undergraduate students for the past 10 years. Dr Monika has received her graduation, masters and Ph.D. degrees from University of Delhi. She has been the recipient of Ramaseshan Fellowship from Current Science Academy, Indian Academy of Sciences, Bangalore. Dr Monika is a prolific science writer and has published numerous articles in science magazines of repute. She is also involved in popularizing plant sciences through various media but teaching is her passion.



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