

New Horizons in Biotechnology

This volume is the outcome of the various papers presented and discussed during UGC Sponsored National Seminar on 'New Horizons in Biotechnology', organized by the Department of Biotechnology, K. V. R. Government College for Women, Kurnool, Andhra Pradesh, India.

Biotechnology is one of the major technologies of the twenty-first century. Its wide-ranging, multi-disciplinary activities include recombinant DNA techniques, cloning and the application of microbiology to the production of goods from bread to antibiotics. This edited book is the collaborative result of hard work by many dedicated faculties, scientists and researchers. New horizons in Biotechnology is such treatise that comprises chapters of Agriculture & Food Biotechnology, Animal Biotechnology, Microbial Biotechnology and Environmental Biotechnology. With the use of comparative studies, this book also discusses the legal, agribusiness and public policy issues that connect intellectual property protection with advancements in biotechnology.

This volume provides an essential text for advanced students, teachers, and research scientists and presents key concepts in biotechnology but also examines the far-reaching social, ethical, and political issues raised by this evolving field. Covers basic scientific concepts, multi-staged biotechnical applications, and biotechnology's effects on today's society and on future generations. .

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