

fundamentals of

ORGANIC CHEMISTRY



DR. RAMANDEEP KAUR



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No period in the history of organic chemistry has been as dynamic and productive of research accomplishment as the twelve years between the completion of the first and present editions of this textbook. New reagents, new reactions, and extraordinary syntheses have been manifold. New techniques and new instruments for analysis and determination of structures, improved methods for theoretical calculations, as well as new junctures with physical, inorganic, and biochemistry, have made organic chemistry an enormously vital discipline.

This book makes a substantial break with tradition in the matter of organic nomenclature. Giving an introduction of Organic Chemistry, it describes in detail structural organic chemistry, organic nomenclature, Alkanes, Stereoisomerism of Organic Molecules, Bonding in Organic Molecules, and Nucleophilic Substitution and Elimination Reactions.



Dr. Ramandeep Kaur is presently an Assistant Professor in the Department of Chemistry at Shaheed Udham Singh Government College, Sunam, in Sangrur district of Punjab. She completed her M.Sc. in Organic Chemistry in 2000 and Ph.D. in 2011 from Punjabi University, Patiala. She has a teaching experience of over 19 years. She has to her credit a good number of research papers published in different journals of repute. Also, she is a co-author of a textbook in Organic Chemistry. Dr. Ramandeep has participated in various seminars and conferences.

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