

Contents

CONTENTS

CHAPTER	TITLE	PAGE NO.
	Introduction	1
	Review of Literature	9
I	Triangular Fuzzy Numbers and Triangular Fuzzy Number Matrices	16
II	Trapezoidal Fuzzy Numbers and Trapezoidal Fuzzy Number Matrices	38
III	Interval Fuzzy Numbers and Interval Fuzzy Number Matrices	51
IV	Circulant Triangular Fuzzy Number Matrices	56
V	Circulant Trapezoidal Fuzzy Number Matrices	64
VI	Some New Operators on Triangular Fuzzy Numbers and Triangular Fuzzy Number Matrices	67
VII	Some New Operators on Interval Fuzzy Numbers and Interval Fuzzy Number Matrices	74
VIII	α -cuts of Triangular Fuzzy Numbers and α -cuts of Triangular Fuzzy Number Matrices	84
IX	Application of Triangular Fuzzy Numbers in Solving Fuzzy Linear Programming Problem	92
X	Application of Interval Fuzzy Number Matrices in the Analysis of the Factors Influencing High Scores in Higher Secondary Examination	97
	References	