CONTENTS

CHAPTER	TITLE	PAGE NO.
	INTRODUCTION	i - ii
1.	PRELIMINARIES	01-33
	1.1 Crisp Set and Fuzzy Set	
	1.2 Fuzzy Set	
	1.3 Extension Principle for Fuzzy Sets	
	1.4 Fuzzy Subgroups	
	1.5 Homomorphism of Fuzzy Groups	
2.	FUZZY IDEALS IN SEMIGROUPS	34-77
	2.1 Fuzzy Semigroups	
	2.2 Fuzzy Subsemigroups	
	2.3 T-Norms and Fuzzy Semigroups	
	2.4 Fuzzy Ideals in Semigroups	
	2.5 Ternary Operations and Ternary	
	Fuzzy Semigroups	
	References	78-80