

CONTENTS

<u>Section</u>	<u>Page</u>
Preface	
CHAPTER-I	
INTRODUCTION	
1.1	Introduction and Motivation
1.2	Inhomogeneous Dust
1.3	Gravitational Collapse in Higher dimensional Spacetime.
1.4	About a naked Singularity.
CHAPTER - II	
NULL FLUID COLLAPSE IN HIGHER DIMENSIONS	
2.1	Introduction
2.2	The Metric and the Generalised Vaidya family
2.3	Some Particular Solutions
2.4	Concluding Remarks

CHAPTER - III

GRAVITATIONAL COLLAPSE OF RADIATION SHELLS IN HIGHER DIMENSIONAL SPACETIMES

- 3.1 Introduction
- 3.2 Higher Dimensional Vaidya Spacetime
- 3.3 Nature of naked Singularities
- 3.4 Concluding Remarks

CHAPTER - IV

BLACK HOLES AND NAKED SINGULARITIES IN HIGHER DIMENSIONAL VAIDYA SPACETIMES

- 4.1 Introduction
- 4.2 Singularities in Higher Dimensional Vaidya
Spacetime
- 4.3 Self-Similar Models
- 4.4 Strength of Singularity
- 4.5 Non self-similar Models
- 4.6 Concluding Remarks