

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO.
1.1	Physical model of the problem	31
2.1	Temperature profile for different values of radiation parameter R	49
2.2	Concentration profile for different values of Sc	50
2.3	Velocity profile for different values of R	51
2.4	Velocity profile for different values of Sc	52
2.5	Velocity profile for different values of Gr and Gc	53
2.6	Velocity profile for different values of t	54
3.1	Temperature profile for different values of R	62
3.2	Concentration field for different values of Sc	63
3.3	Velocity profile for different values of R	64
3.4	Velocity profile for different values of Sc	65
3.5	Velocity profile for different values of Gr and Gc	66
3.6	Velocity profile for different values of time t	67
4.1	Temperature distribution profile for different values of Pr and t	78
4.2	Concentration profile for different values of Sc	79
4.3	Concentration profile for different values K	80
4.4	Velocity profile for different values of K	81
4.5	Velocity profile for different values of Gr and Gc	82
4.6	Velocity profile for different values of Sc	83
4.7	Velocity profile for different values of t	84

FIGURE NO.	TITLE	PAGE NO.
5.1	Temperature distribution profile for different values of Pr and t	94
5.2	Concentration profile for different values of Sc	95
5.3	Concentration profile for different values of K	96
5.4	Velocity profile for different values of K	97
5.5	Velocity profile for different values of Gr and Gc	98
5.6	Velocity profile for different values of Sc	100
5.7	Velocity profile for different values of t	101