

S.No	Particulars	Page No
	List of Abbreviations used	
	List of Tables	
	List of Figures	
	List of Plates	
1	Chapter-1 : Diversity of endophytic fungi from Cucumis dipsaceus	
	Introduction	1
	Review of literature	3
	Materials and Methods	34
	Results	38
	Discussion	57
	Conclusion	63
	Chapter-2: Interaction between host ( <i>C.dipsaceus</i> ) and endophytes	
2	Introduction	64
	Review of literature	66
	Materials and Methods	80
	Results	86
	Discussion	108
	Conclusion	112
3	Chapter-3 : Biological properties of the true endophytic fungi isolated from <i>C.dipsaceus</i>	
	Introduction	113
	Review of literature	116
	Materials and Methods	137
	Results	147
	Discussion	203
	Conclusion	212
4	Summary	213
5	References	
	Annexure	
6	Authentication certificates Publications	

## CONTENTS