

C O N T E N T S

CHAPTER NO.	TITLE	PAGE NO.
	Certificate	
	Acknowledgement	
	Synopsis	
<u>CHAPTER-I</u>	<u>INTRODUCTION AND LITERATURE SURVEY</u>	
1.	Introduction : quinoline and its derivatives	1 - 6
2.	Literature Survey	7 - 53
3.	Scope of the Present Work	54
<u>CHAPTER-II</u>	<u>EXPERIMENTAL</u>	
	Synthetic methodology and general remarks	55 - 56
<u>PART-I :</u>	Synthesis of some new derivatives of N^1 -acetylhydrazido-7-methoxy-4-methyl quinolin-2(1H)one	57 - 72
<u>PART-II :</u>	Synthesis of some new derivatives of N^1 -acetylhydrazido-7-ch h pro-4-methyl quinolin-2(1H)one	73 - 85
<u>PART-III :</u>		
A)	Synthesis of some new derivatives of N^1 -hydrazido-4,8-dimethyl quinolin-2(1H)one	86 - 97
B)	Synthesis of some new derivatives of N^1 -acetylhydrazido-4,8-dimethyl quinolin-2(1H)one	98 - 106

CHAPT NO.	TITLE	PAGE NO.
<u>PART-IV :</u>		
A)	Synthesis of some new derivatives of N ¹ -hydrazido-4,6-dimethyl quinolin- -2(1H)one	107 - 121
B)	Synthesis of some new derivatives of N ¹ -acetylhydrazido 4,6-dimethyl quinolin -2(1H)one	122 - 127
<u>PART-V :</u>	Synthesis of some new derivatives of N ¹ -acetylhydrazido-8-chloro-4-methyl quinolin-2(1H)one	128 - 134
<u>CHAPTER-III</u>	ANTIMICROBIAL SCREENING	135 - 153
	Introduction, experimental, antimicrobial screening data of compounds, results and discussion, conclusion	
	REFERENCES	154 - 169
	LIST OF PUBLICATIONS	170