**CONTENTS**

**Chapter Title**

**No. Declaration**

Page No.

**PagePage**

i

**No.**

**Acknowledgement Abstract**

***i***

***ii***

ii

iii iv

**Content**

**List of Figures**

**List of Tables**

**Abbreviation**

**1 INTRODUCTION**

***iii***

vi

**iv**

vii

vii

i

1 to 7

**1.1** General

**1.2** Need of Study

**1.3** Aim and Objective **1.4** Proposed Methodology **1.5** Organization of Report

1

4

5

5

**6**

1 4 5 5 6

**2 LITERATURE REVIEW**

**3 THEORETICAL ASPECT**

**3.1** General

**3.2** Definition of Admixture

**3.3** Types of Admixture

**3.4** Functions of Admixture

**3.5** Role of Using Admixture

**3.6** Advantages and Disadvantages of Admixture

**8 to**

8 to 16 17 to 47 34

17

17

17

20

20

20

**iv**

**3.7** Accelerator

**3.8** Retarder

**3.9** Pozzolanic Admixture

**3.10** Fly Ash

**3.11** Rice Husk Ash

**3.12** Superplasticizers

**3.13** Introduction to Plasticizers

**3.14** Silica Fume

**3.15** Grount Granulated Blast Furnace Slag **3.16** Factors Sffecting Perfomance in Concrete **4 METHODOLOGY**

**4.1** General

**4.2** Study Area-Amravati Region

**4.3** Advancement in Various Admixtures

**4.4** Questionnaire Survey

**4.5** Relative Importance Index Method

**5 RESULT AND CONCLUSION 5.1** Result Analysis

**5.2** Conclusion

**5.3** Future Scope

22

24

29

30

32

34

36

37

43

46

48 to 53

48

48

49

50

52

54 to 60 54

59

60

**v**