

CONTENTS

Sl.NO.	TITLE	PAGE
1)	Magnetism	1
2)	The periodic table showing Magnetic behaviour of elements	2
3)	Different categories of magnetism	3
4)	Superparamagnetism	3-6
5)	Nanomagnetism	7-9
6)	Application of Nanomagnetism	10
7)	Ferrites and its applications	11-13
8)	Nickel Ferrites	14-16
9)	Table of different preparation Techniques	17
10)	Present Preparation Technique	18-19
11)	Compositional Characterizations	20-21
12)	Conclusion	22
13)	Future plans	23
14)	Bibliography	24