

PREFACE

The subject matter of the dissertation comprises of five chapters in which an attempt has been made to present the work carried out on the subject consistent with the development of the topic concerned.

The first chapter deals with the Introduction of ferrites. The orientation of the present work is given at the end of the chapter.

The second chapter deals with the preparation of ferrites, x-ray diffraction studies and IR spectra of the samples.

In the third chapter d.c. electrical conductivity has been reported.

The forth chapter deals with magnetization studies, a.c. susceptibility measurement and Curie temperature measurements.

The summary and conclusion is reported in chapter five.

The experimental set ups, diagrams, experimental data are neatly presented. A list of references is given at the end of each chapter.

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