

## Contents

<b>Chapter No</b>	<b>Title</b>	<b>Page No</b>
•	Acknowledgements	I-V
•	Signs & Symbols used	VI
•	Preface	VII-XI
1	Introduction	1-6
2	Photographs of interaction with music celebrities	7-17
3	Review of literature	18-20
4	Research design and methodology	21-24
5	Laws of Sound and the principles of Consonance & Dissonance	25-34
6	Evolution of the Musical Scales	35-46
7	Evolution of the Raagas from musical scales (Moorchhana, Jaati gayan, Raaga ragini systemi etc)	47-54
8	Aesthetic appeal in Indian melody and Raagas, their scientific basis and rasa theory of Raagas	55-63
9	Inverse relationship, mirror images of swaras of the Raaga Scales and their degrees of consonances & dissonances	64-74
10	Existence of Inverse Raaga Scales and their Aesthetic appeal	75-80
11	Data Analysis-1 – Matched Inverse Raagas in Hindustani & Carnatic music	81-88
12	Data Analysis-2 – New Inverse Raagas in Hindustani & Carnatic music	89-105
13	Swara lipis of the ‘Bandishes’ of the few of the Hindustani Raagas and their Inverse Swara patterns	106-128
14	Universal applicability of the principle of the Inversals in the other Musical Systems of the world	129-132
15	Conclusions	133-134
•	Terminology used	A-D
•	Appendix	E-S
•	Bibliography	T
•	Swarlipi of the Bandishes-Reference	U