## CONTENTS

<table>
<thead>
<tr>
<th>Title</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Declaration</td>
<td>i</td>
</tr>
<tr>
<td>Certificate</td>
<td>ii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>iii-v</td>
</tr>
<tr>
<td>Contents</td>
<td>vi-viii</td>
</tr>
<tr>
<td>List of Tables</td>
<td>ix-xi</td>
</tr>
<tr>
<td>List of Figures</td>
<td>xii</td>
</tr>
<tr>
<td>List of Abbreviation</td>
<td>xiii-xv</td>
</tr>
</tbody>
</table>

### CHAPTER-1: INTRODUCTION 1-8

1.1 Force Binding Spot and Futures Prices—The Cost Of Carry 2

1.2 Price Discovery and Lead-Lag Relationship Between Spot and Futures Markets 4

1.3 Need and Purpose of the Study 5

1.4 Chapter Scheme 7

### CHAPTER-2: REVIEW OF LITERATURE 9-47

2.1 Studies on Lead-Lag Relationship for Returns between Spot and Futures Markets 10

2.2 Studies on Volatility Spillovers between Spot and Future Markets 37

2.3 Conclusion 45
CHAPTER-3: RESEARCH METHODOLOGY  

3.1 Objectives of the Study  
3.2 Hypotheses of the Study  
3.3 Data  
3.4 Methodology  
3.4.1 Methodology for Examining Returns Relationship between Spot and Futures Markets  
3.4.2 Methodology for studying volatility spillover between spot and futures markets-  
3.5 Conclusion  

CHAPTER-4: EMPIRICAL EVIDENCE ON RETURNS RELATIONSHIP BETWEEN FUTURES AND SPOT MARKETS  

4.1 Cointegration, Error-Correction and Lead-Lag Relationship between CNX Nifty and CNX Nifty Futures  
4.2 Returns Relationship between Spot and Futures Markets for Individual Stocks  
4.2.1 Error Correction mechanism for Full Sample  
4.2.2 Error correction mechanism after removing overnight Returns  
4.2.3 Error correction mechanism after removing first and last thirty minutes  
4.2.4 Lead-lag Relationship between spot and futures markets based on Granger Causality
CHAPTER-5: EMMPIRICAL EVIDENCE ON VOLATILITY

SPILLOVER BETWEEN FUTURES AND SPOT MARKETS

5.1 Volatility Spillovers between CNX Nifty and CNX Nifty Futures
5.2 Volatility Spillovers for Individual Stocks
5.3 Conclusion

CHAPTER-6: FINDINGS AND CONCLUSION

6.1 Findings and Conclusion
6.2 Limitations of the Study
6.3 Areas for Future Research

REFERENCES

APPENDICES

Appendix-I
Appendix -II