# Table of Contents

1 Introduction .................................................................................................................. 2
   1.1 Introduction .............................................................................................................. 2
   1.2 Economic Recession ................................................................................................. 8
      1.2.1 Meaning ........................................................................................................... 8
   1.3 Definitions ................................................................................................................ 8
   1.4 Factors that Cause Recessions ............................................................................... 10
   1.5 History .................................................................................................................... 10
   1.6 Recession in World and in India ............................................................................. 12
   1.7 Background of the Current Economic Crisis ....................................................... 14
      1.7.1 Increased Asset Prices and Boom in World Economy ..................................... 14
      1.7.2 Growth in US Economy ................................................................................. 14
      1.7.3 Rapid increase in credit ................................................................................... 15
      1.7.4 Failure of US Leadership to anticipate Economic Crisis ............................... 15
   1.8 Origin of the Economic Crisis ............................................................................... 16
      1.8.1 Sub-prime Mortgage ....................................................................................... 16
      1.8.2 Reconstruction and Repackaging of Loans ............................................... 17
      1.8.3 High Leverage ............................................................................................... 17
      1.8.4 Mismatch between Financial Innovation and Regulation ........................ 18
      1.8.5 Failure of Global Corporate Governance ..................................................... 18
   1.9 World Economic Crisis and India .......................................................................... 19
      1.9.1 Impact on Capital Account ............................................................................ 20
      1.9.2 Impact on Stock Market ................................................................................. 20
      1.9.3 Impact on Indian Banking System ............................................................... 21
      1.9.4 Impact on Industrial Sector .......................................................................... 22
      1.9.5 Impact on Employment ............................................................................... 23
      1.9.6 Impact on Poverty ....................................................................................... 24
   1.10 Important Concepts .............................................................................................. 25

2 Review of Literature .................................................................................................... 43
   2.1 Introduction: ........................................................................................................... 43
   2.2 Characteristics of Review of Literature: ............................................................... 43
2.3 Review of Literature: ................................................................. 44

3 Research Methodology ............................................................................ 59
  3.1 Introduction: .................................................................................. 59
  3.2 Geographical Profile of Marathwada: ............................................. 59
  3.3 Geographical Situation & Characteristics of Marathwada Region: .... 60
  3.4 Introductory Profile of Marathwada Region: .................................... 61
    3.4.1 Area: .................................................................................... 61
    3.4.2 Population: .......................................................................... 61
    3.4.3 Hill Ranges in The Region: .................................................... 63
    3.4.4 Agriculture: ......................................................................... 63
  3.5 Industries in Marathwada: ................................................................. 63
  3.6 Infrastructure: .................................................................................. 65
    3.6.1 Transport & Communication: .................................................. 66
    3.6.2 Road Length: ......................................................................... 66
    3.6.3 Railway Length: ..................................................................... 66
    3.6.4 Air Transport Facilities: .......................................................... 67
    3.6.5 Communication Facilities: ....................................................... 67
  3.7 Banking Facilities, Financial & Development Agencies: ............... 68
  3.8 Educational Development: ............................................................... 68
  3.9 Human Development Index: ............................................................ 69
  3.10 Map of Marathwada ....................................................................... 70
  3.11 Nature of Problem .......................................................................... 71
  3.12 Scope of Problem ........................................................................... 72
  3.13 Objectives of the Study ................................................................. 72
  3.14 Hypothesis of the study .................................................................. 72
  3.15 Limitations of the study ................................................................. 73
  3.16 Source of Data: ............................................................................. 73
  3.17 Sample Size: ................................................................................ 73
  3.18 Method of sampling: ...................................................................... 73
  3.19 Data Collection: ........................................................................... 73
  3.20 Statistical Tools: ........................................................................... 74

4 Data Analysis and Interpretation .............................................................. 77
4.1 Introduction ........................................................................................................................................ 77
4.2 Analysis of data .................................................................................................................................. 77
  4.2.1 Analysis of Age of respondent Investors: ...................................................................................... 80
  4.2.2 Analysis of Gender of respondent Investors: ................................................................................. 82
  4.2.3 Analysis of Educational Qualifications of respondent Investors: .............................................. 84
  4.2.4 Analysis of Average Household income of respondent Investors: ............................................. 86
  4.2.5 Analysis of Relationship Status of Respondent Investors: ......................................................... 88
  4.2.6 Analysis of Nature of Advise taken while investing of Respondent Investors: ............................. 90
  4.2.7 Analysis of Subscription of Tips for Investment by Respondent Investors: ................................. 92
  4.2.8 Analysis of Total Size of Portfolio of Respondent Investors: ..................................................... 94
  4.2.9 Analysis of Composition of Portfolio of Respondent Investors: ................................................. 96
  4.2.10 Analysis of Experience of Recession before 2008 by Respondent Investors: .............................. 98
  4.2.11 Analysis of Preparedness of Investors for 2008 Recession: ....................................................... 100
  4.2.12 Analysis of Impact of 2008 Recession on Investors Portfolio: .................................................... 102
  4.2.13 Analysis of Size of Portfolio of Investors in Pre-Recession Period: .......................................... 104
  4.2.14 Analysis of Composition of Portfolio of Respondent Investors during Pre-Recession Period: ..................... 106
  4.2.15 Analysis of Stock Holding or Loss Booking by Respondent Investors during Recession Period: ........................................................................................................................................ 108
  4.2.16 Analysis of Investors Buying Strategy when the market was falling: .......................................... 110
  4.2.17 Analysis of Amount of Shares in Portfolio of Investors during Recession, Pre-recession and Post Recession Period: ............................................................................................................. 112
  4.2.18 Analysis of Number of Trades by Investors during Recession, Pre-recession and Post Recession period: .............................................................................................................................................. 114
  4.2.19 Analysis of Risk Profile of Investors during Recession, Pre-recession and Post Recession Period: .............................................................................................................................................. 116
  4.2.20 Analysis of Performance of Portfolio of Investors in terms of Profit/Loss during Recession, Pre-recession and Post Recession Period: .......................................................................................... 119
  4.2.21 Analysis of Confidence in Investing during Recession, Pre-recession and Post Recession Period: .............................................................................................................................................. 121
  4.2.22 Analysis of Shift in Investment from Equity to Others during Recession, Pre-recession and Post Recession Period: ......................................................................................................................... 123
  4.2.23 Analysis of Time devotion and Efforts made before investing during Recession, Pre-recession and Post Recession Period: .............................................................................................................. 126
4.2.24 Analysis of Composition of Portfolio of Respondent Investors during Recession Period: 128

4.2.25 Analysis of Investment Pattern of Respondent Investors after Recession Period: 130

4.2.26 Analysis of Impact of Recession on Trading of Investors: ....................... 132

4.2.27 Analysis of Financial Literacy among Investors: .............................. 134

4.2.28 Analysis of Importance of Variables in Stock Selection: .................. 136

4.2.29 Analysis of Factors affecting Investment Decisions: .......................... 140

5 Conclusions and Recommendations .................................................................. 146

5.1 Introduction ........................................................................................................ 146

5.2 Major Conclusions ............................................................................................ 146

5.3 Testing of Hypothesis ....................................................................................... 149

5.3.1 Testing of Hypothesis 1: ........................................................................... 149

5.3.2 Testing of Hypothesis 2: ........................................................................... 153

5.3.3 Testing of Hypothesis 3: ........................................................................... 155

5.3.4 Testing of Hypothesis 4: ........................................................................... 158

5.4 Major Recommendations .................................................................................... 160

5.5 Scope for further Study ...................................................................................... 164

6 Bibliography: ...................................................................................................... 166

7 Appendix ............................................................................................................. 173
# List of Figures

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Crisis During Each Period</td>
<td>11</td>
</tr>
<tr>
<td>1.2</td>
<td>Increase in Asset Prices in US</td>
<td>14</td>
</tr>
<tr>
<td>1.3</td>
<td>Growth in US Economy</td>
<td>15</td>
</tr>
<tr>
<td>1.4</td>
<td>Subprime Mortgage Origination</td>
<td>16</td>
</tr>
<tr>
<td>1.5</td>
<td>Impact on Capital Account in India</td>
<td>20</td>
</tr>
<tr>
<td>1.6</td>
<td>Impact of Recession on Indian Stock Market</td>
<td>21</td>
</tr>
<tr>
<td>1.7</td>
<td>Impact of Recession of Various Sectors in India</td>
<td>22</td>
</tr>
<tr>
<td>1.8</td>
<td>Impact of Recession on Employment</td>
<td>23</td>
</tr>
<tr>
<td>1.9</td>
<td>Age of Respondents</td>
<td>81</td>
</tr>
<tr>
<td>1.10</td>
<td>Gender of Respondent</td>
<td>83</td>
</tr>
<tr>
<td>1.11</td>
<td>Educational Qualifications of respondent Investors</td>
<td>85</td>
</tr>
<tr>
<td>1.12</td>
<td>Average Household income of respondent Investors</td>
<td>87</td>
</tr>
<tr>
<td>1.13</td>
<td>Relationship Status of Respondent Investors</td>
<td>89</td>
</tr>
<tr>
<td>1.14</td>
<td>Nature of Advise taken while investing of Respondent Investors</td>
<td>91</td>
</tr>
<tr>
<td>1.15</td>
<td>Subscription of Tips for Investment by Respondent Investors</td>
<td>93</td>
</tr>
<tr>
<td>1.16</td>
<td>Total Size of Portfolio of Respondent Investors</td>
<td>95</td>
</tr>
<tr>
<td>1.17</td>
<td>Composition of Portfolio of Respondent Investors</td>
<td>97</td>
</tr>
<tr>
<td>1.18</td>
<td>Experience of Recession before 2008 by Respondent Investors</td>
<td>99</td>
</tr>
<tr>
<td>1.19</td>
<td>Preparedness of Investors for 2008 Recession</td>
<td>101</td>
</tr>
<tr>
<td>1.20</td>
<td>Impact of 2008 Recession on Investors Portfolio</td>
<td>103</td>
</tr>
<tr>
<td>1.21</td>
<td>Size of Portfolio of Investors in Pre-Recession Period</td>
<td>105</td>
</tr>
<tr>
<td>1.22</td>
<td>Composition of Portfolio of Respondent Investors during Pre-Recession Period</td>
<td>107</td>
</tr>
<tr>
<td>1.23</td>
<td>Stock Holding or Loss Booking by Respondent Investors during Recession Period</td>
<td>109</td>
</tr>
<tr>
<td>1.24</td>
<td>Investors Buying Strategy when the market was falling</td>
<td>111</td>
</tr>
<tr>
<td>1.25</td>
<td>Amount of Shares in Portfolio of Investors during Recession, Pre-recession and Post Recession Period</td>
<td>113</td>
</tr>
<tr>
<td>1.26</td>
<td>Number of Trades by Investors during Recession, Pre-recession and Post Recession period</td>
<td>115</td>
</tr>
<tr>
<td>1.27</td>
<td>Risk Profile of Investors during Recession, Pre-recession and Post Recession Period</td>
<td>117</td>
</tr>
<tr>
<td>1.28</td>
<td>Performance of Portfolio of Investors in terms of Profit/Loss during Recession, Pre-recession and Post Recession Period</td>
<td>120</td>
</tr>
<tr>
<td>1.29</td>
<td>Confidence in Investing during Recession, Pre-recession and Post Recession Period</td>
<td>122</td>
</tr>
<tr>
<td>1.30</td>
<td>Shift in Investment from Equity to Others during Recession, Pre-recession and Post Recession Period</td>
<td>124</td>
</tr>
<tr>
<td>1.31</td>
<td>Time devotion and Efforts made before Investing during Recession, Pre-recession and Post Recession Period</td>
<td>127</td>
</tr>
</tbody>
</table>
Figure 4.24: Composition of Portfolio of Respondent Investors during Recession Period 129
Figure 4.25: Investment Pattern of Respondent Investors after Recession Period …… 131
Figure 4.26: Impact of Recession on Trading of Investors ........................................ 133
Figure 4.27: Financial Literacy among Investors .................................................. 135
Figure 4.28: Importance of Variables in Stock Selection ...................................... 138
Figure 4.29: Factors affecting Investment Decisions ............................................. 143
List of Tables

Table 1.1: Number of crisis during each specific period ........................................ 3
Table 1.2: Growth Rate (in %) ............................................................................. 19
Table 3.1: Highlights of Population of Marathwada ......................................... 62
Table 3.2: Regional Imbalance .............................................................................. 65
Table 3.3: District wise Human Development Index 2011 .............................. 69
Table 4.1: Age of respondent Investors .............................................................. 80
Table 4.2: Gender of Respondents ..................................................................... 82
Table 4.3: Educational Qualifications of respondent Investors ....................... 84
Table 4.4: Average Household Income of Respondent Investors .................. 86
Table 4.5: Relationship Status of Respondent Investors .................................... 88
Table 4.6: Nature of Advise taken while investing of Respondent Investors ...... 90
Table 4.7: Subscription of Tips for Investment by Respondent Investors .......... 92
Table 4.8: Total Size of Portfolio of Respondent Investors ................................ 94
Table 4.9: Composition of Portfolio of Respondent Investors ......................... 96
Table 4.10: Experience of Recession before 2008 by Respondent Investors .... 98
Table 4.11: Preparedness of Investors for 2008 Recession ............................... 100
Table 4.12: Impact of 2008 Recession on Investors Portfolio .......................... 102
Table 4.13: Size of Portfolio of Investors in Pre-Recession Period .................... 104
Table 4.14: Composition of Portfolio of Respondent Investors during Pre-Recession Period ..................................................................................................... 106
Table 4.15: Stock Holding or Loss Booking by Respondent Investors during Recession Period ................................................................. 108
Table 4.16: Investors Buying Strategy when the market was falling ............... 110
Table 4.17: Amount of Shares in Portfolio of Investors during Recession, Pre-recession and Post Recession Period ......................................................... 112
Table 4.18: Number of Trades by Investors during Recession, Pre-recession and Post Recession period ........................................................................... 114
Table 4.19: Risk Profile of Investors during Recession, Pre-recession and Post Recession Period (High/Average/Low) ...................................................... 116
Table 4.20: Performance of Portfolio of Investors in terms of Profit/Loss during Recession, Pre-recession and Post Recession Period .............................. 119
Table 4.21: Confidence in Investing during Recession, Pre-recession and Post Recession Period ......................................................................................... 121
Table 4.22: Shift in Investment from Equity to Others during Recession, Pre-recession and Post Recession Period ............................................................... 123
Table 4.23: Time devotion and Efforts made before Investing during Recession, Pre-recession and Post Recession Period ........................................................................... 126
Table 4.24: Composition of Portfolio of Respondent Investors during Recession Period ................................................................. 128
Table 4.25: Investment Pattern of Respondent Investors after Recession Period ... 130
Table 4.26: Impact of Recession on Trading of Investors ................................. 132
Table 4.27: Financial Literacy among Investors......................................................... 134
Table 4.28: Importance of Variables in Stock Selection .............................................. 137
Table 4.29: Factors affecting Investment Decisions..................................................... 141