# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td>i-iii</td>
</tr>
<tr>
<td>Introduction</td>
<td>1-4</td>
</tr>
<tr>
<td><strong>CHAPTER-1</strong></td>
<td></td>
</tr>
<tr>
<td>Housing – It’s Meaning in Multidimensional Perspective</td>
<td>5-39</td>
</tr>
<tr>
<td>1.1 Definition of Housing</td>
<td>5-7</td>
</tr>
<tr>
<td>1.2 Feelings of &quot;home&quot; and ontological security</td>
<td>7-8</td>
</tr>
<tr>
<td>1.3 Housing Satisfaction</td>
<td>9-10</td>
</tr>
<tr>
<td>1.4 Housing - Health Relationship</td>
<td>10-37</td>
</tr>
<tr>
<td>1.4.1 Poor quality housing/housing conditions</td>
<td>10-14</td>
</tr>
<tr>
<td>1.4.2 Specific Physical or Chemical Exposures:</td>
<td>14-16</td>
</tr>
<tr>
<td>1.4.2.1 Lead</td>
<td>14</td>
</tr>
<tr>
<td>1.4.2.2 Radon</td>
<td>15</td>
</tr>
<tr>
<td>1.4.2.3 Asbestos</td>
<td>15</td>
</tr>
<tr>
<td>1.4.2.4 Electromagnetic Fields (EMF)</td>
<td>15-16</td>
</tr>
<tr>
<td>1.4.2.5 Urea Formaldehyde Foam Insulation (UFFI)</td>
<td>16</td>
</tr>
<tr>
<td>1.4.2.6 Carbon monoxide (CO)</td>
<td>16</td>
</tr>
<tr>
<td>1.4.3 Specific Biological Exposures:</td>
<td>16-21</td>
</tr>
<tr>
<td>1.4.3.1 Hygrothermal Conditions and Mould Growth</td>
<td>16-20</td>
</tr>
<tr>
<td>1.4.3.2 House Dust Mites</td>
<td>20-21</td>
</tr>
<tr>
<td>1.4.3.3 Cockroaches</td>
<td>21</td>
</tr>
<tr>
<td>1.4.4 Physical Characteristics of the Home</td>
<td>21-33</td>
</tr>
<tr>
<td>1.4.4.1 Various Characteristics and Home Safety</td>
<td>21-23</td>
</tr>
<tr>
<td>1.4.4.2 Perception of safety and fear of crime</td>
<td>23-24</td>
</tr>
<tr>
<td>1.4.4.3 Design Characteristics of the House</td>
<td>24-25</td>
</tr>
<tr>
<td>1.4.4.4 Location of the House</td>
<td>25</td>
</tr>
</tbody>
</table>
1.4.4.5 Building Type
1.4.4.6 Density and Overcrowding
1.4.4.7 Accessibility and usability of housing
1.4.4.8 Indoor Air Quality
   a) Environmental Tobacco Smoke (ETS)
   b) Volatile Organic Compounds
   c) Emissions of pollutants from cooking with gas and heating
   d) Energy and socioeconomic aspects
   e) Ventilation
   f) "Sick Building" Syndrome
1.4.4.9 Sleep disturbance and strong annoyance during day time
1.4.4.10 Cold and Heat
1.4.5 Social, Economic, and Cultural Characteristics of Housing
   1.4.5.1 Housing Tenure (Owning and Renting)
   1.4.5.2 Insecurity and debt
   1.4.5.3 Social bonds
1.5 The neighbourhood as a physical and services environment
1.6 Identity and housing
1.7 Supportive Environment

CHAPTER-2
High-rise Buildings vis-à-vis the Quality of Urban Life
2.1. High-rise Impact on Neighbourhood Livability
2.2 High-rise Impact on Quality of Urban Life

CHAPTER-3
High-rise Living - an Overview of Significant Studies
3.1. Emergence of High-rise Buildings – a Historical Perspective
3.2. Reported Negative Impact of High-rise buildings on Users and Neighbours
   3.2.1. Physical Health in High-rises
   3.2.2. Strain, Crowding and Mental Health in High-Rises
3.2.3. Behavior Problems and High-Rise Housing 58
3.2.4. High-rise Housing and Prosocial Behavior 59
3.2.5. High-Rise Housing and Social Relations 59-61
3.2.6. Children in High-rises 61-63
3.2.7. Crime in High-rise Housing 63-66
3.3. Reported Positive aspects of High-rise Buildings 66-67
3.4. Methodological Complexities and Need for the Present Study 68

CHAPTER-4
Methodology 69-80

4.1. Aim of the Present Investigation 69-70
4.2. Operational Definition of Term 70
4.3. Hypotheses 70-71
4.4. Tools used in the Study 71-76
   (i) General Questionnaire (GQ) (related to housing) 71-72
   (ii) Housing Environment Perception Inventory (H.E.P. Part-1 and Part-2) 72-74
   (iii) Depression Scale 74
   (iv) Loneliness Scale 74
   (v) Life-Environment Integration Inventory 75-76
4.5. Study Areas and Subjects 76-77
4.6. Administration of the Tests and Collection of Data 77-78
4.7. Scrutiny of the Data 78
4.8. Scoring and Tabulation 78-79
4.9. Statistical Analysis of Data 79-80
   (i) General Characteristic Features of the subjects
   (ii) Housing Environment perception Inventory
   (iii) Depression Scale
   (iv) Loneliness Scale
   (v) Life Environment Integration Inventory
CHAPTER-5
Result&and Discussion

5.1. General characteristics of the subjects and their households 81-84
5.2. Housing Environment Perception 85-104
5.3. Physical Health Status 104-106
5.4. General Mental Health Status 107-109
5.5. Nature of depression 109-114
5.6. Feeling of Loneliness 114-120
5.7. Social Interaction 120-122
5.8. Adjustment pattern of adolescents 122-128

CHAPTER-6
Summary and Conclusion

Summary 129-133
Concluding Remark 134-135

References 136-157