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| **ASSESSMENT OF NEIGHBOURHOOD BUILT ENVIRONMENT FOR WALKABILITY IN OLDER ADULTS - CASE OF UDUPI** | | | | | | | |
| **Personal Data (Optional)**  Name:  Email:  Contact number: | | | | | | | |
| **About this Research**  This is the data collection instrument used purely for doctoral research. It specifically deals with how the built environment can be made more ‘walkable’ for the older adults in the **Udupi region**. Your response will be useful in meeting the objectives of the research, so it would be very highly appreciated and valued.  ‘Walkable design’, a term used in the questionnaire refers to the intentional planning and arrangement of urban or architectural environments to facilitate and encourage pedestrian movement, providing safe, accessible, and aesthetically pleasing spaces that promote walking as a viable mode of transportation.  ‘Age-friendly’ policies are initiatives and strategies implemented by communities and governments to create inclusive environments that address the needs of individuals across all age groups, with a specific focus on supporting and enhancing the well-being of older adults. These policies aim to promote social inclusion, accessibility, and services that enable older adults to participate fully in community life.  **Confidentiality Statement**  The data in the questionnaire shall be used solely for academic research purposes. No personal details of the respondent shall be used anywhere. | | | | | | | |
| **Questions** | | | | | | | |
| If you require assistance in completing this questionnaire or have any questions regarding the survey, please contact:  Email: akshatha.rao@manipal.edu  Phone Number: 9591568956 | | | | | | | |
| **Socio-demographic Details** | | | | | | | |
| **Gender** Male Female Other  **Age** 60 years to 65 years  Above65 up to 70 years  Above70 up to 80 years  Above80 up to 90 years  Above90 years  **Educational Qualification** Graduation Post Graduation PhD  Diploma Certificate Other  **Income group** Below Poverty Line (BPL) (up to ₹ 27,000 per year)  Economically Weaker Section (EWS) (Up to ₹ 3 lakh per year)  Lower Income Group (LIG) (above ₹ 3 – up to ₹ 6 lakhs per year)  Middle Income Group - 1 (MIG) (above ₹ 6 – up to ₹12 lakhs per year)  Middle Income Group - 2 (HIG) (above ₹ 12 – up to ₹18 lakhs per year)  High Income Group (Above ₹ 18 lakhs per year) | | | | | | | |
| Place a Tick mark (√) on ONE response for each item based on your experiences with mobile phones. | | | | | | | |
| **5-Strongly Agree 1–Strongly Disagree** | | **5** | **4** | **3** | **2** | **1** |
| 1. **Government support for infrastructure** | | | | | | | |
|  | The government's support to walkable design in our urban infrastructure development is visible. |  |  |  |  |  |
|  | The government takes inputs from local communities to ensure their input in walkable design decisions. |  |  |  |  |  |
|  | The government takes measures to address safety concerns for pedestrians in the built environment considering the future developments and progress. |  |  |  |  |  |
|  | Government demonstrates a commitment to environmental sustainability through walkable design initiatives. |  |  |  |  |  |
| 1. **Community engagement programs** | | | | | | | |
|  | Community engagement programs effectively involve residents in the decision-making process for walkable design initiatives. |  |  |  |  |  |
|  | Local communities are well-informed about the benefits and goals of walkable design through community engagement programs. |  |  |  |  |  |
|  | The feedback gathered from community engagement programs is actively considered in the planning and implementation of walkable design projects. |  |  |  |  |  |
|  | Community engagement programs contribute to the identification of specific areas within neighbourhoods that require improvements to enhance walkability. |  |  |  |  |  |
| 1. **Age-Friendly urban design policies** | | | | | | | |
|  | The inclusion of features like benches and resting spots in public spaces, as per Age-Friendly policies, contributes to the overall walkability for older individuals. |  |  |  |  |  |
|  | Crosswalks and pedestrian signals are designed in accordance with Age-Friendly policies, facilitating safe and comfortable crossing for elderly individuals. |  |  |  |  |  |
|  | The signage and wayfinding elements in the built environment, aligned with Age-Friendly policies, enhance navigation for older residents. |  |  |  |  |  |
|  | Age-Friendly policies, effectively incorporate the input and preferences of older residents in the development of walkable spaces. |  |  |  |  |  |
| 1. **Comfort** | | | | | | | |
|  | The sidewalks in my neighbourhood are smooth and even, providing a comfortable walking surface. |  |  |  |  |  |
|  | The streets in my neighbourhood are well-maintained, reducing discomfort from uneven surfaces or potholes. |  |  |  |  |  |
|  | Shade is available along walking paths, making it more comfortable during sunny weather. |  |  |  |  |  |
|  | The presence of greenery and landscaping contributes to a visually pleasing and comfortable walking environment. |  |  |  |  |  |
| 1. **Convenience** | | | | | | | |
|  | There are convenient and well-marked pedestrian crossings at intersections. |  |  |  |  |  |
|  | Traffic signals are designed to allow ample time for older adults to conveniently cross the street. |  |  |  |  |  |
|  | Public benches and seating areas are strategically placed for convenience during walks. |  |  |  |  |  |
|  | Informational signage is designed to suit to the convenience along walking routes, providing guidance on points of interest, distances, and directions. |  |  |  |  |  |
| 1. **Aesthetics** | | | | | | | |
|  | The presence of greenery and landscaping enhances the beauty of walking areas. |  |  |  |  |  |
|  | Architectural elements, such as well-maintained buildings and historic features, add to the visual charm. |  |  |  |  |  |
|  | Public art installations and paintings contribute positively to the visual environment. |  |  |  |  |  |
|  | The neighbourhood has a creative design that creates a pleasant and visually appealing atmosphere for walking. |  |  |  |  |  |
| 1. **Increased physical activity level** | | | | | | | |
|  | The presence of well-maintained sidewalks encourages me to walk more often. |  |  |  |  |  |
|  | The ease of reachability to essential amenities encourages me to walk rather than use motorized transportation. |  |  |  |  |  |
|  | I feel that I have more opportunities to be physically active in my walkable neighbourhood. |  |  |  |  |  |
|  | I have noticed a considerable increase in my physical activity level since living in this walkable neighbourhood. |  |  |  |  |  |
| 1. **Increased socialisation** | | | | | | | |
|  | The walkability design of my neighbourhood facilitates social interactions with neighbours. |  |  |  |  |  |
|  | I feel more inclined to engage in conversations with other residents while walking. |  |  |  |  |  |
|  | Public spaces, such as parks or squares, provide opportunities for socializing with others. |  |  |  |  |  |
|  | Sidewalks and walking paths are wide enough to accommodate socializing while walking. |  |  |  |  |  |
| 1. **Improved quality of life** | | | | | | | |
|  | The walkable design of my neighbourhood contributes to an improved overall quality of life. |  |  |  |  |  |
|  | The convenience of walking to local destinations positively influences my daily life. |  |  |  |  |  |
|  | The artistic appeal of the neighbourhood positively affects my overall quality of life. |  |  |  |  |  |
|  | Opportunities for socialization while walking contribute to a more fulfilling daily experience. |  |  |  |  |  |