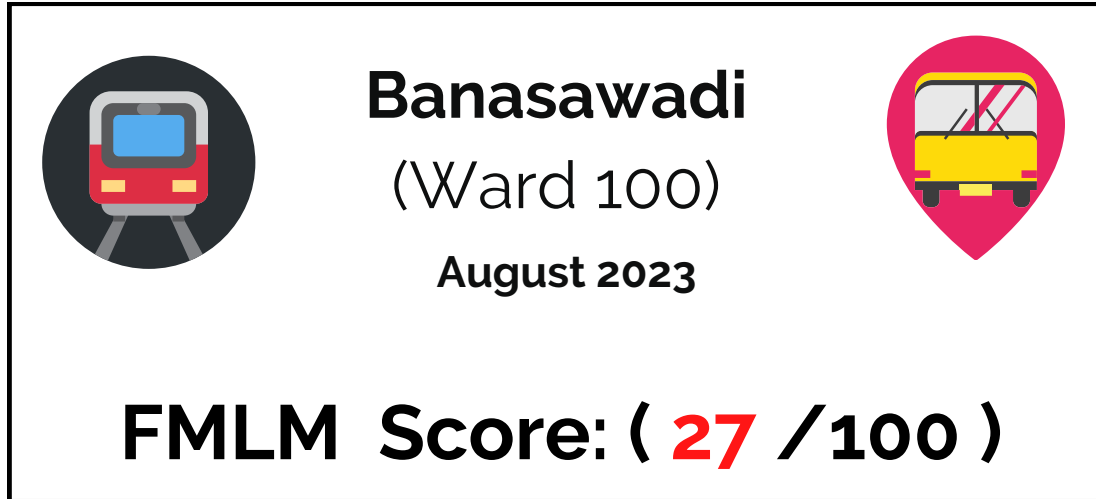
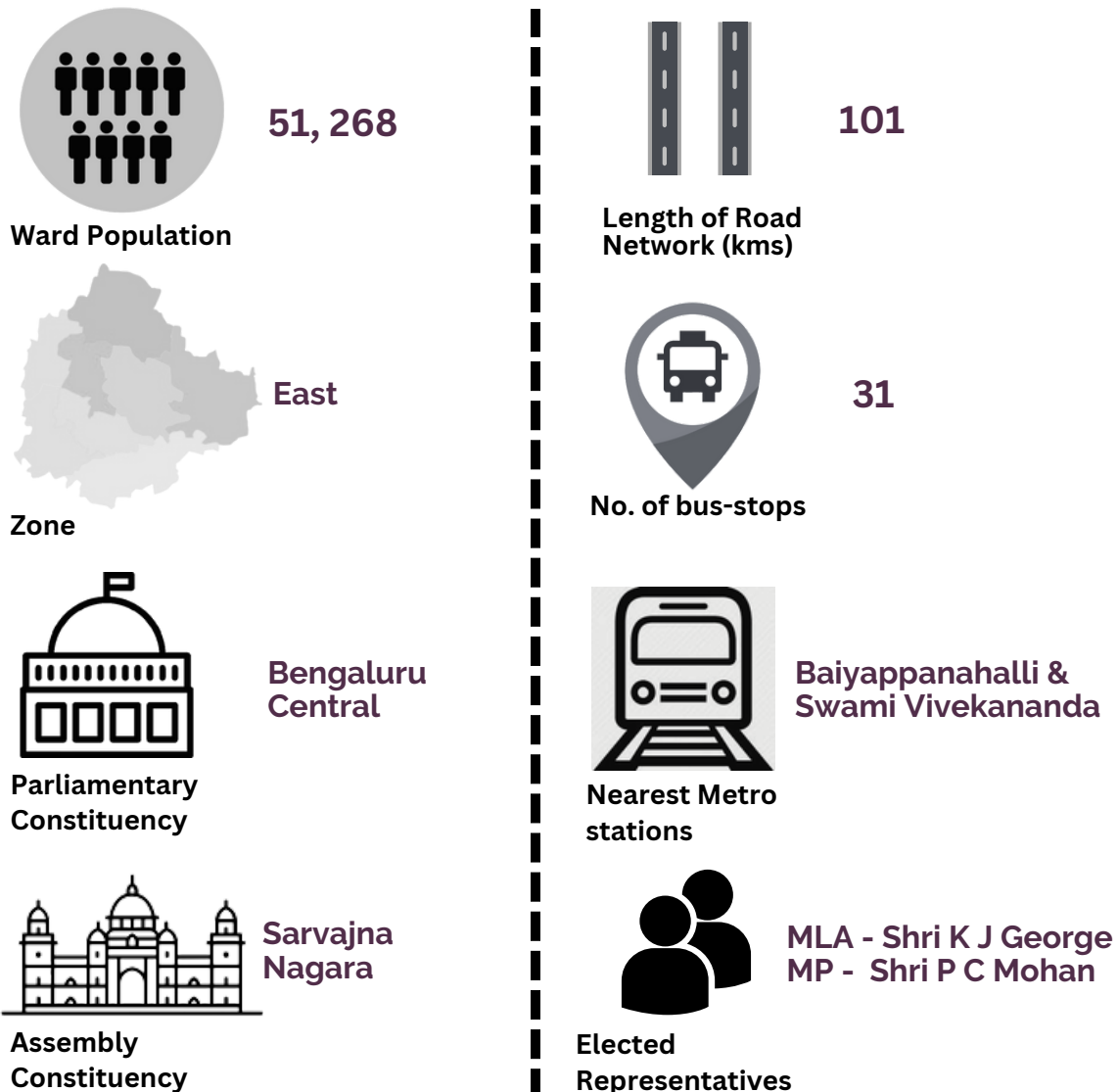


First Mile Last Mile Connectivity (FMLM) Report



Ward Profile



Citizens and college students who conducted the survey:

- | | |
|--------------|--------------|
| 1) Asma | 5) Niranjan |
| 2) Bhoomika | 6) Prithvi M |
| 3) Divyanshi | 7) Rachaya |
| 4) Gautam | |



12th June 2023 - 28th June 2023

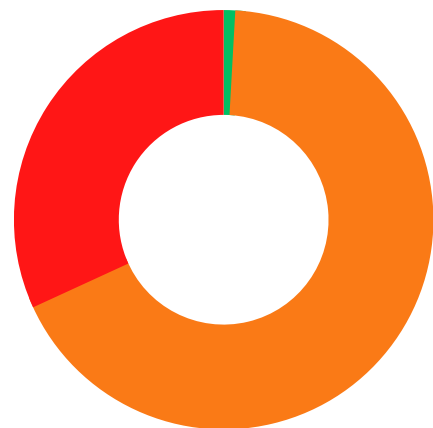
KEY INSIGHTS

1 OUT OF 2 CITIZENS who walk to the public transport station mentioned that footpaths are not available on either side of the roads	AROUND 60% of citizens mentioned that there are no dedicated auto-stands nearer to the public transport station	9 OUT OF 10 respondents cited lack of pedestrian crossing facilities near the public transport station
ONLY LESS THAN A QUARTER OF respondents reported availability of dedicated parking facility in and around the vicinity of the public transport area	NO cycle lanes /bicycle rental facilities available enroute/ near the public transport station	ALL respondents who mentioned that they do not use public transport cited lack of connectivity and time consuming as reasons
ALMOST ALL the respondents mentioned that they spend more on first-mile last-mile journeys than on the public transport highlighting the need for affordable intermediate transport/para transit facilities		88% of the respondents mentioned that the commute area is well- illuminated during evening and night

ANALYSIS RATIONALE



- The scores for BMTC bus stop and metro station are calculated separately. The average of all the indicators gives the score of the bus and metro.
- In case, if a citizen has selected that they use both BMTC bus and Metro for commuting, then the average of both is taken as FINAL SCORE
- The connectivity in the ward are categorised as Unsatisfactory, Partially Satisfactory and Satisfactory based on the results obtained.
 - **Unsatisfactory: <35 marks**
 - **Partially Satisfactory: 35 -70 marks**
 - **Satisfactory : >70 marks**



Unsatisfactory: 31.9%

Partially Satisfactory: 67.3%

Satisfactory: 0.9%

SCORING RATIONALE & INDICATORS

The objective of this survey is to assess the adequacy of transport infrastructure (in terms of motorised and non-motorised transport) in and around the public transit area that facilitates citizens to commute comfortably from their residence to destination and vice versa.

A total of 13 questions each (BMTC Bus and Metro) were asked to the citizens to understand their perceptions regarding the first mile last mile connectivity provided to them with respect to ease of accessing the public transit. Both mandatory and non-mandatory questions are included.

The indicators are also formulated with respect to the following references:

- **Janaagraha Street Quality Survey (SQS) 2015**
- **Directorate of Urban Land Transport, Government of Karnataka (DULT) Guidelines for Planning and Implementation of Pedestrian Infrastructure**
- **Accessibility Guidelines for Bus Terminals and Bus stops, Ministry of Road Transport and Highways**
- **National Transit Oriented Development (ToD) policy**



Modal Preferences of Transit

Why do you use the public transit service?

Is your residence and workplace well connected through public transport system?

How frequently do you use the public transport system?

What is the mode of public transport that you frequently use?

SCORING RATIONALE & INDICATORS



BMTC Bus Services

How far is the nearest bus-stop away from your residence/ place of work?

How do you commute to the nearest bus-stop?

Are footpaths provided on either side of roads enroute from your location to the bus-stop?

Is pedestrian crossing provided near the bus-stop?

Are cycle lanes provided enroute from your location/nearby markets to the bus-stop?

Is there a separate rental facility for bicycles near the bus-stop?

Bus stop/station has dedicated two wheeler/ four wheeler parking facility

Bus stop/station has dedicated auto stand nearby

Is your commute area (from your location to bus-stop) well lit during evening and night?

On an average, how much does your bus journey cost from origin to destination?

How much do you spend on autos/other transport systems from bus-stop to your destination?

Please mention your opinion about how can the connectivity from bus-stop to nearby areas be improved?

SCORING RATIONALE & INDICATORS



Metro Services

How far is the nearest metro station away from your residence/place of work?

How do you commute to the nearest metro station?

Are footpaths provided on either side of roads enroute from your location to the metro station?

Is pedestrian crossing provided near the metro station?

Are cycle lanes provided enroute from your location/nearby markets to the metro station?

Is there a separate rental facility for bicycles near the metro station?

Metro station has dedicated two wheeler/ four wheeler parking facility

Metro station has dedicated auto stand nearby

Is your commute area (from your location to metro station) well lit during evening and night?

On an average, how much does your metro cost from origin station to destination station?

How much do you spend on autos/other transport systems from metro station to your destination?

Please mention your opinion about how can the connectivity from metro station to nearby areas be improved?

COMMUNITY PARTICIPATION



Community undertaking First Mile Last Mile Connectivity survey

ABOUT SUSTAINABLE MOBILITY NETWORK

Sustainable Mobility Network (SMN) is a pan-India network of 30+ organizations with an overarching vision to adopt the triple zero approach and push towards 'Zero Emissions, Zero Exclusions and Zero Road deaths.'



Janaagraha's collaboration with the Sustainable Mobility Network (SMN) aims to transform mobility practices in Indian cities through,

- **tactical and systemic approaches;**
- **put into action through convergence of perspectives and experience in transport policy;**
- **influence over state and local government processes and community-driven participatory planning.**

The collaboration is aimed to elicit these outcomes through multi-year engagement with network partners through transit infrastructure audits and walkability audits in various wards across Bengaluru with citizen-participation.

A noteworthy effort of all the organisations led to the passing of BMLTA Bill that unlocked grants of INR 10 Crores for street-scaping project, cycle education programs, and real-time street audits in city wards with the help of the community.

Reach out to: N M Varchaswini

Janaagraha Centre for Citizenship and Democracy

19/4, 3rd Floor, Sair Bagh, Cunningham Road, Bengaluru - 560052

Phone No.: 080 41200844, 41500844

First Mile Last Mile Connectivity (FMLM) Report



Ward Profile



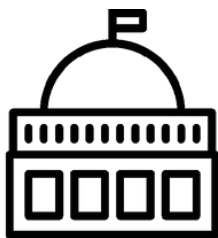
51,911

Ward Population



Bommanahalli

Zone



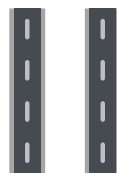
Bengaluru
Rural

Parliamentary
Constituency



Bengaluru
South

Assembly
Constituency



176

Length of Road
Network (kms)



38

No. of bus-stops



Konankunte &
Yelchenahalli

Nearest Metro
stations



MLA - Shri M Krishnappa
MP - Shri D K Suresh

Elected
Representatives

Citizens and college students who conducted the survey:

- 1) Adithya S
- 2) Akhila R
- 3) Deekshith A S
- 4) Prithvi



12th June 2023 - 28th June 2023

KEY INSIGHTS

9 OUT OF 10

respondents who don't use public transport attributed it to greater time consumption and lack of connectivity

MORE THAN 45%

of the citizens who walk to the public transport rated the quality of footpaths as GOOD

NO

cycle lanes are provided en route the public transport

ALMOST ALL

the respondents mentioned that they spend more on first-mile last-mile journeys than on the public transport highlighting the need for affordable intermediate transit facilities

AROUND A QUARTER

of citizens cited inadequacy in pedestrian crossings in the vicinity of public transit station

AROUND 50%

of respondents noted absence of dedicated auto stands near the public transport area indicating a demand for adequate intermediate transport/para-transit facilities.

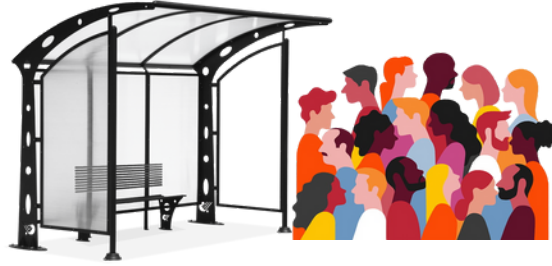
2 OUT OF 5

respondents mentioned that their commute area is POORLY LIT

ONLY 33% OF CYCLISTS/2W USERS

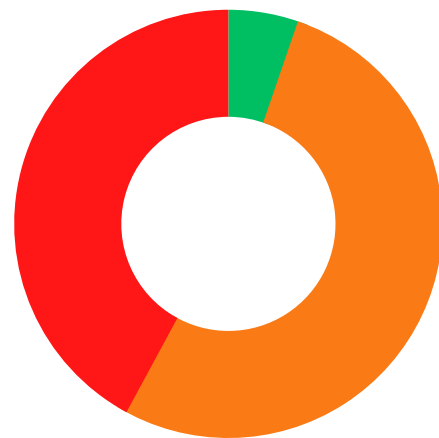
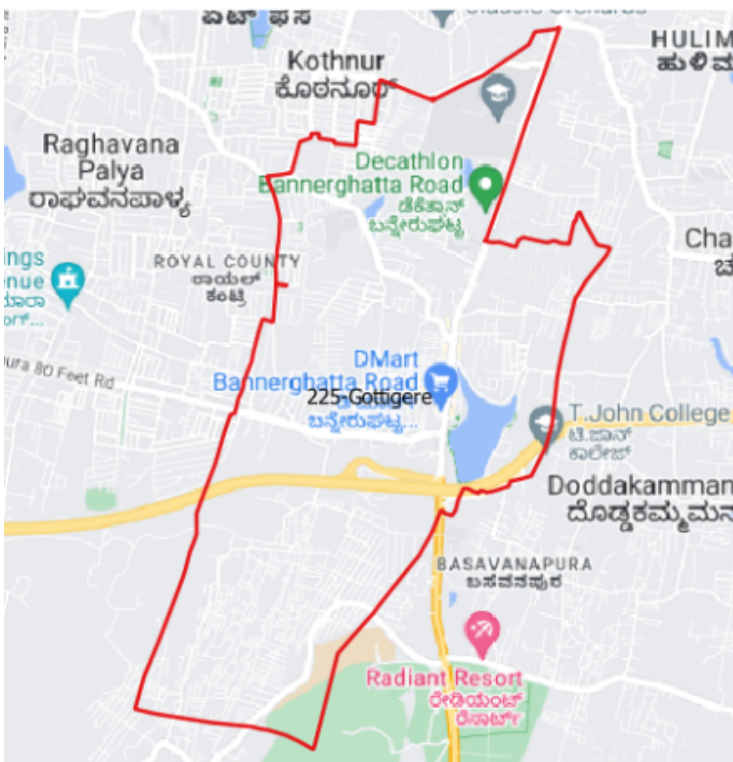
users reported availability of dedicated parking in and around the vicinity of the transit area

ANALYSIS RATIONALE



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GOTTIGERE WARD MAP



Unsatisfactory: 42.1%
Partially Satisfactory: 52.6%
Satisfactory : 5.3%

SCORING RATIONALE & INDICATORS

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