

E-Mobility Rewiring Urban Lives in Uttar Pradesh



Aligarh – Connecting Campus & Countryside



Aligarh's e-bus routes **connect peri-urban villages** and the **city core**, offering students, workers, and farmers a dependable option. However, survey findings show seasonal variation, with ridership being impacted during the harvest season.

On the Khreshwar Chauraha to Akarabad corridor, **94%** of riders use e-buses always/very often. This stretch connects Aligarh's city core with peri-urban Akarabad, a farming and trading hub on the Aligarh–Etah road.



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Aligarh also records the highest share of women riders (49%) among six cities surveyed, with homemakers forming the majority.



Top Contributors:

- Provision of reserved seats for ladies/specially abled and elderly
- Behaviour of driver (cabin coach) and conductor (cabin host)
- Driving skill (braking, speed, etc.)

Importance

Satisfaction

4.6/5

4.6/5

4.6/5

4.7/5

4.6/5

4.6/5



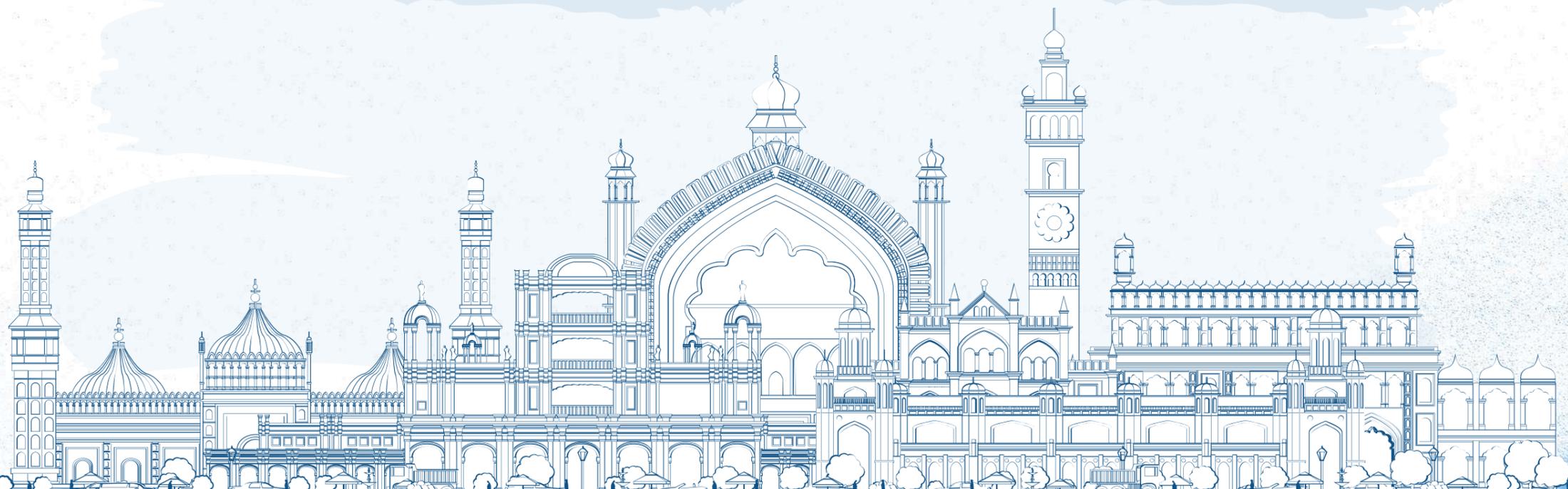
Aligarh's e-bus services excel in complaint redressal, with commuters praising quick resolution of issues and strong support from cabin staff.

Lucknow – Capital Shift in Mobility



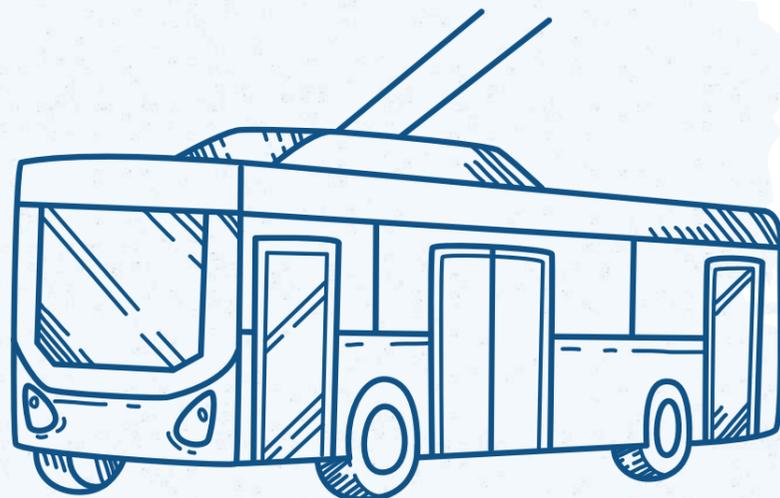
Lucknow, **oldest intracity e-bus route** under GreenCell Mobility (operational since 2021).

On Lucknow's corridor Ghantaghar–Gahndo corridor, **97%** of surveyed commuters ride e-buses always/very often. Running through Hazratganj and Charbagh—two of the city's most congested zones—the corridor has the potential to become a reliable green transport corridor, giving daily riders a smoother, smoke-free alternative.



Lucknow – Capital Shift in Mobility

54% of commuters shifted from two-wheelers, supporting mass mobility and zero tailpipe emissions on high-demand corridors.



36% of the respondents are **youth aged 15–25**. E-buses are reshaping daily travel to major campuses—SGPGI, Lucknow University, and Engineering College.



Repeat commuters rate e-buses highly for ride comfort— **86%** and safety— **60%**.



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