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[5] Transportation (TR)

[5.19] Impact of Transportation programs in supporting the Sustainable Development Goals (SDGs)

Example of Charging points for EV (KITS, Coimbatore)

Description:

The university has undertaken a wide range of sustainable transportation programs that contribute significantly to the achievement of the **17 Sustainable Development Goals (SDGs)**. These initiatives reflect a strong institutional commitment to low-carbon mobility, reduction of air pollution, and the creation of safe, inclusive, and accessible transport systems. Key programs include:

- **Development of integrated pedestrian pathways and** encourage to use bicycle across the campus to promote sustainable campus mobility.
- **Operation of low-emission campus shuttle buses**, including electric or hybrid vehicles, to reduce reliance on personal cars.
- **Installation of electric vehicle (EV) charging stations** to support the transition to cleaner transportation alternatives.
- **Designation of car-free zones and limited-access areas** to minimize traffic congestion and air pollution within campus.
- **Provision of bicycle-sharing programs and supporting infrastructure** (parking racks, lockers, repair stations) to enhance cycling convenience.
- **Implementation of a vehicle restriction policy**, including license plate control or limited parking permits for students and staff.

- **Integration with public transportation systems**, including campus bus terminals or last-mile shuttle services, to improve accessibility.
- **Awareness campaigns and mobility education initiatives** promoting safe, healthy, and sustainable transport behaviour.
- **Real-time digital tracking tools** to monitor shuttle schedules, optimize routes, and support user convenience.
- **Collaboration with government and urban planning stakeholders** to align university mobility strategies with broader city transport plans.
- **The university organizes a special bus service during vacations, festivals, and extended holidays** to facilitate the safe pick-up and drop-off of students. This initiative significantly reduces the influx of individual parent vehicles on campus, thereby minimizing traffic congestion and promoting sustainable transport practices.

These efforts directly support **SDGs 3, 4, 7, 9, 11, 12, 13, and 17**, and contribute indirectly to others, including:

SDG 3 – Reducing exposure to air pollution and promoting healthy, active lifestyles
SDG 4 – Ensuring inclusive access to education through safe and reliable campus transport
SDG 7 – Promoting the use of clean energy in transportation
SDG 9 – Supporting innovation in sustainable transport infrastructure
SDG 11 – Building inclusive, safe, and sustainable urban mobility systems
SDG 12 – Encouraging responsible use of resources through shared mobility
SDG 13 – Lowering carbon emissions through low-impact transportation
SDG 17 – Strengthening partnerships to develop integrated, sustainable transport networks