

ADHIYAMAAN COLLEGE OF ENGINEERING

(An Autonomous Institution)

[Approved by AICTE, Affiliated to Anna University,

Accredited by NBA (CSE, ECE, EEE, IT, BME, Biotech & MCA) and NAAC with "A" Grade]

Dr. M.G.R. Nagar, HOSUR - 635 130, Krishnagiri (Dist.), Tamil Nadu, India.

Dr.R.Radhakrishnan, M.E., Ph.D.,
Principal

SUSTAINABLE TRANSPORTATION AND GREEN MOBILITY POLICY

Document No.: ACE/IQAC/STGM/2026-27/01

Effective Date: 01.06.2025

Review Period: Once in Two Years

Approved By: Governing Body

1. Introduction

Transportation is an integral component of campus operations and significantly influences environmental sustainability through energy consumption, greenhouse gas emissions, traffic congestion and air quality. As part of its commitment to creating a sustainable and environmentally responsible campus, Adhiyamaan College of Engineering (Autonomous), Hosur, recognizes the need to promote eco-friendly transportation practices that minimize environmental impact while ensuring safe, accessible, and efficient mobility for all stakeholders.

ACE is committed to encouraging sustainable transportation options such as institutional bus services, carpooling, cycling, walking, electric vehicles and other low-carbon mobility solutions. This policy establishes a structured framework for promoting green mobility, reducing vehicular emissions, improving campus safety, and supporting national and global sustainability goals.

The policy aligns with the **Sustainable Development Goals (SDG 11 – Sustainable Cities and Communities, SDG 13 – Climate Action)**, the National Education Policy (NEP 2020), AICTE Green Campus initiatives and the institution's environmental sustainability objectives.

2. Policy Statement

ACE is committed to developing a safe, accessible and environmentally sustainable transportation system that minimizes carbon emissions, optimizes fuel consumption, and promotes eco-friendly commuting practices. ACE shall encourage the use of shared transportation, non-motorized transport, energy-efficient vehicles and sustainable mobility infrastructure to reduce the environmental footprint associated with campus transportation.

ACE believes that sustainable mobility is a shared responsibility and all members of the institution are expected to contribute towards creating a cleaner, healthier and greener campus.

3. Objectives

The objectives of this policy are to establish an environmentally sustainable transportation system that supports institutional operations while reducing pollution and conserving natural resources.

The institution aims to:

- promote sustainable and low-carbon transportation practices;
- reduce greenhouse gas emissions from campus transportation;
- encourage the use of institutional transport facilities;
- minimize the use of single-occupancy private vehicles;
- promote walking and cycling within the campus;
- support the adoption of electric and alternative fuel vehicles;
- improve campus road safety and traffic management;
- create awareness regarding sustainable mobility; and
- establish measurable indicators for monitoring transportation sustainability.



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4. Scope

This policy applies to all students, faculty members, administrative staff, support staff, contractors, visitors, service providers, and all vehicles entering or operating within the campus.

The policy covers:

- Institutional buses
- Transportation
- Personal vehicles
- Official institutional vehicles
- Visitor vehicles
- Parking facilities
- Pedestrian pathways
- Cycling infrastructure
- Electric vehicle facilities

5. Institutional Commitments

ACE is committed to continuously improving transportation sustainability by integrating environmentally responsible mobility practices into campus operations.

The institution shall:

- provide and promote institutional bus transportation;
- encourage carpooling among faculty, staff, and students;
- develop pedestrian-friendly campus infrastructure;
- encourage cycling for short-distance travel;
- promote electric vehicle adoption;
- optimize campus traffic movement;
- reduce unnecessary vehicle movement within the campus;
- periodically review transportation practices for continual improvement.

6. Sustainable Transportation Practices

The institution shall implement sustainable transportation measures through planning, infrastructure development, awareness programmes, and operational controls.

ACE shall:

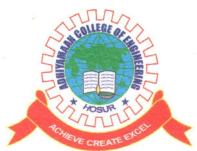
- encourage students and employees to use institutional buses whenever feasible;
- prioritize walking within the campus through safe pedestrian pathways;
- encourage cycling for internal movement;
- minimize unnecessary use of motorized vehicles inside the campus;
- provide designated parking spaces to reduce traffic congestion;
- promote ride-sharing and carpooling initiatives;
- ensure proper maintenance of institutional vehicles to improve fuel efficiency

7. Vehicle Management

Institutional vehicles shall be operated responsibly to minimize fuel consumption and emissions.

The institution shall:

Act
Go!



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- conduct periodic vehicle maintenance;
- ensure regular emission testing;
- optimize official travel routes;
- encourage fuel-efficient driving practices;
- replace ageing vehicles with cleaner technologies whenever feasible.

8. Campus Traffic and Parking Management

To improve safety and reduce environmental impact, the institution shall implement systematic traffic management practices.

These include:

- designated parking zones;
- restricted vehicle movement in pedestrian areas;
- regulated vehicle speed limits;
- clearly marked traffic routes;
- separate parking for bicycles and two-wheelers;
- visitor parking management.

9. Awareness and Capacity Building

ACE recognizes that sustainable transportation depends on behavioural change and stakeholder participation.

Accordingly, awareness programmes shall be organized on:

- Green Mobility Campaigns;
- World Environment Day;
- Road Safety Week;
- Expert lectures on sustainable transportation;
- Student competitions and awareness drives.

10. Roles and Responsibilities

The **Management** shall provide financial support and infrastructure for sustainable transportation initiatives.

The **Principal** shall oversee implementation and ensure integration of sustainable mobility into institutional planning.

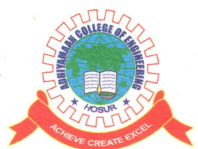
The **IQAC and Green Committee** shall monitor implementation, review transportation practices, and recommend improvements.

The **Construction and Maintenance Department** shall maintain roads, pedestrian pathways, parking facilities, and transportation infrastructure.

Heads of Departments shall encourage sustainable commuting practices among students and faculty.

Faculty members shall promote environmental responsibility and support awareness activities.

Students and staff shall adopt environmentally responsible commuting practices, use institutional transport wherever feasible, and comply with campus traffic regulations.



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11. Procurement Policy

The procurement of institutional vehicles shall prioritize fuel efficiency, environmental performance, safety, and life-cycle sustainability.

Preference shall be given to:

- electric vehicles;
- hybrid vehicles;
- fuel-efficient vehicles;
- low-emission vehicles;
- energy-efficient maintenance equipment.

12. Monitoring and Evaluation

The institution shall periodically evaluate transportation sustainability through:

- transportation usage surveys;
- institutional bus utilization analysis;
- vehicle maintenance records;
- emission monitoring;
- parking utilization studies;
- stakeholder feedback; and
- Green Campus reviews.

Findings shall be reviewed by the Green Audit to identify opportunities for continual improvement.

13. Key Performance Indicators

Performance Indicator	Institutional Target
Institutional Bus Utilization	Increase annually
Carpool Participation	Increase annually
Walking and Cycling Participation	Increase annually
Vehicle Emission Compliance	100%
Annual Vehicle Maintenance	100%
Road Safety Awareness Programmes	Minimum Four per Year
Green Mobility Campaigns	Minimum Two per Year
Stakeholder Participation	Above 70%

14. Compliance

ACE shall comply with:

- Motor Vehicles Act, 1988 (as amended);
- Central Motor Vehicle Rules;

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- Air (Prevention and Control of Pollution) Act, 1981;
- Environment (Protection) Act, 1986;
- AICTE Green Campus Initiatives;
- UGC Guidelines on Environmental Sustainability;
- Applicable Government of Tamil Nadu transportation and road safety regulations.

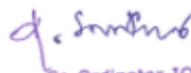
15. Policy Review

This policy shall be reviewed once every two years or earlier, if necessary, based on changes in legislation, technological advancements, institutional priorities, or recommendations arising from Green Campus audits and transportation assessments.

ACE reaffirms its commitment to promoting sustainable transportation through environmentally responsible mobility practices, efficient transportation infrastructure, and stakeholder participation. By encouraging institutional transport, walking, cycling, carpooling, and cleaner vehicle technologies, the College seeks to reduce carbon emissions, improve campus safety, and contribute to a healthier environment.

The successful implementation of this policy depends on the collective efforts of the Management, faculty, staff, students, contractors, and visitors. Through continuous improvement and shared responsibility, the institution aims to establish a model Green Campus that demonstrates leadership in sustainable transportation and environmental stewardship.

Prepared by IQAC


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