

**Vignan's Foundation for Science,
Technology & Research
(Deemed to be University)**

**ECO-TRANSPORTATION
POLICY**



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

Vadlamudi, Guntur District - 522213

1.1 Preamble

The VFSTR University has consciously put in efforts to provide good transport infrastructure for the socio-economic development of a country. The main objective is to reduce the carbon footprint and bring in the sustainable transport system. A more sustainable development approach is essential to promote overall 'green growth' of the transport sector and environment friendly transport facilities within the campus and outside the campus. The University's eco-transport policy shall ensure that each vehicle is operated, maintained and used in a safe and economical condition. It is designed to guide the operational decisions for the management of the University's fleet of vehicles and shall be complied with by all transport department staff of the University.

1.2 Mission

The mission of the Transport Office of the University shall be to provide and maintain the most appropriate, safe, Eco-friendly and reliable vehicles for the operations of the University's transport activities on a daily basis.

1.3 Measures planned and adopted by the University:

❖ Zero Motorised Transportation facility:

Without a motor The three main modes of transportation are cycling, walking, and cycle rickshaws. These are sustainable forms of transportation. Low energy use and local emissions contribute to the reduced carbon footprint. In comparison to motorised transport, they are less expensive and do not rely on fossil fuels.

❖ Speed Limit Restriction:

Drive within the speed limit. Driving at 90 km per hour uses 25% less fuel than driving at 110 km per hour. Fit the Bus with cruise control, using it during highway driving will help to maintain a steadier speed, which will save fuel.

❖ Maintenance of vehicles Regularly

- Regularly check tyre pressure. Under-inflated tyres can increase fuel consumption by 3% and take 10,000 km off the tyre's life.
- Servicing bus regularly. A well-tuned bus can use 15% less fuel.
- Avoid quick acceleration and heavy braking. It can reduce fuel economy by 33% on the highway

1.4 Adoption of a reliable, robust and secure transport system

University is providing high quality education, cutting-edge infrastructure, highly educated and experienced faculty, and bright students. University transportation has gained a lot in importance due to increased safety threats to students. However, University are facing a stiff challenge in providing high class transportation facilities to ensure better security to students.

A sophisticated and feature-rich transportation management system is fast capturing the attention of parents to ensure the safety and security of students and also delivers the best experience to users. Efficient fleet management also saves time, effort, fuel and money. University bus transportation system offers a complete solution with the most effective features such as bus routing and scheduling, student transport data, transport attendance, expense

tracking, fee collection more to address the concerns of parents and also ensuring peace of mind to the University management. Transport management application gives you power and flexibility through seamless automation, enhanced GPS tracking and mobile-ready software. Here are the top features that can assure high performance of the fleet in the University:

❖ **Manage Transport Data**

Set vehicle information including vehicle type, model, number, registration, capacity, etc. The University transport management system allows you to track passenger information accurately.

❖ **Allocate Vehicles for Students**

Manage vehicle allocation during the academic year with proper allotment of vehicles to students including the boarding points and destinations in particular routes.

❖ **Route Management**

Create, edit or delete vehicle routes along with bus stops and pick/drop timings using high quality digital mapping. Assign multiple routes to students at different timings.

❖ **Fleet Management**

Plan optimum routes, efficient route scheduling, fuel management, and enhanced safety. Optimize bus routes and the vehicle capacity to reduce vehicle maintenance expenses, fuel costs and avoid unauthorized trips. Manage vehicle schedules efficiently.

❖ **Track Fee Collection**

Configure transport fee structure for different routes. Track status of student fee payments in real-time and print receipts.

❖ **Customized Reports**

Create customized reports of vehicle utilization, fee payments, violations, over speed, excessive stoppage time, and idle time etc.

❖ **Ensure safe transportation**

Provide safety and security to vehicles and students and respond faster to vehicle breakdowns, accidents and emergencies.

1.5 Safety Norms in University Bus

We have attached great importance to enhance the Safety and Security measures for students travelling in our own University Buses. We furnish hereunder a list of such enhanced safety measures which have been implemented: -

- All buses will be run by authorised drivers only who have sufficient years of experience in running of University buses and who are fully acquainted and competent to adhere to the prescribed norms of safety as laid down by the Regional Transport Commissioner.
- All our University buses are driven by experienced drivers who possess a valid heavy vehicle driver's license of minimum 5 years.
- Each bus has staff members who are responsible for ensuring discipline in the University buses.
- Extensive training is provided to the drivers to ensure that the Transport operations are efficient.
- All our buses are installed with Speed Regulators / Governors, so that there is no complaint regarding over speeding.

- All Buses strictly follow all norms stipulated by the Government from time to time and ensure impeccable “Safety & Security” of the student.
- Our Buses travel in extensive routes.
- There will also be a Transport Committee for our University comprising of the respective Admin Officer & Transport Manager and two designated parents from the University and under the guidance of Officials from the Regional Transport office & Traffic Police.

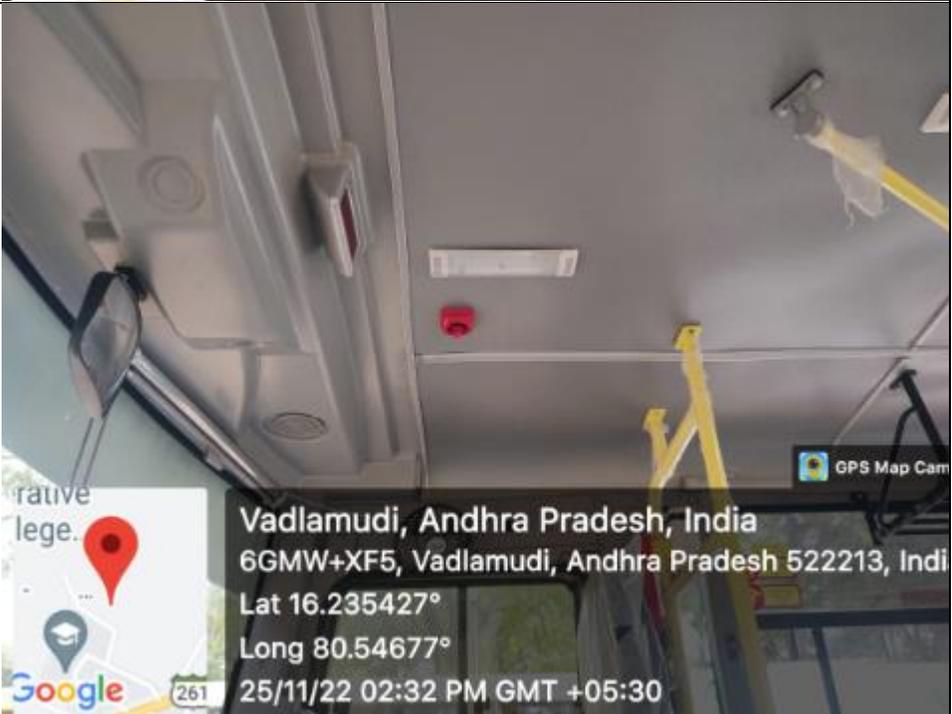


Registrar

VFSTR Deemed to be University

Eco-Transport facilities

S.no.	Particular	Photos
1	New buses have been introduced for the safety of students and faculty	 <p>Vadlamudi, Andhra Pradesh, India 6GMW+XF5, Vadlamudi, Andhra Pradesh 522213, India Lat 16.235407° Long 80.546832° 25/11/22 02:32 PM GMT +05:30</p>
2	Cameras have been installed in all the transport vehicles for the safety and visual purposes.	 <p>Vadlamudi, Andhra Pradesh, India 6GMW+XF5, Vadlamudi, Andhra Pradesh 522213, India Lat 16.235379° Long 80.546644° 25/11/22 02:33 PM GMT +05:30</p>

<p>3</p>	<p>Diesel tanker is provided at the workshop for quality and inspection of diesel on weekly monitoring bases.</p>	 <p>GPS Map Cam</p> <p>Vadlamudi, Andhra Pradesh, India 6GMW+XF5, Vadlamudi, Andhra Pradesh 522213, India Lat 16.235429° Long 80.546801° 25/11/22 02:31 PM GMT +05:30</p>
<p>4</p>	<p>Fire extinguisher</p>	 <p>GPS Map Cam</p> <p>Vadlamudi, Andhra Pradesh, India 6GMW+XF5, Vadlamudi, Andhra Pradesh 522213, India Lat 16.235427° Long 80.54677° 25/11/22 02:32 PM GMT +05:30</p>

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Zero Motorized Transportation facility

