



**D. Y. PATIL
EDUCATION SOCIETY
DEEMED TO BE UNIVERSITY**

KOLHAPUR

NAAC with 'A⁺⁺' Grade in 3rd Cycle

Diamond: QS I-GAUGE Indian University Ratings

Eco-Friendly Transportation Policy



Address: 869, E, D Y Patil Vidyanagar, Kolhapur 416006

Phone: (0231) 2601235-36

Website: www.dypatilunikop.org

Email: info@dypatilkolhapur.org

D.Y. PATIL EDUCATION SOCIETY (DEEMED TO BE UNIVERSITY), KOLHAPUR

Eco-Friendly transportation policy

Approved By: University Council

Effective Date: 03/03/2025

Review Date: Not later than 3 years

1. Purpose and Policy Statement:

Transportation plays a pivotal role in day to day life with regard to the institute, emphasizing its significance in commute of human resources, mobilization of utilities, logistics etc. The control on the utility of various transportation media is not practical, but a systematic and logical approach to address this point aims at sustainable practices to reduce environmental pollution at D.Y, Patil education society, Kolhapur. D.Y.Patil education society, focuses on implementation of various strategies and measures which insinuates and adopts, sustainable and eco-friendly modes of transportation for safe-guarding green-house effect and minimizing global warming.

2. Scope:

The policy encompasses all the colleges, departments, academic units, administrative offices, and on-campus facilities. This policy also extends to all the employees, students and its workers on-campus. The scope of the policy further extends to the implementation of eco-friendly modes of commute and transportation in campus of D.Y. Patil education society, Kolhapur, to contribute its part to the nation's motive of achieving "Sustainable development and self-dependent India"

3. Guiding principles:

- **Sustainability and eco-friendly:** Implementation of strategies and transportation methods, which aids in sustainable growth and conducive environment to foster future generations

- **Efficiency** : Effective practice in utility of resources and continuous maintenance of resources to minimize combustion effluents
 - **Latest technologies**: D.Y. Patil education society envisages, the implementation of updated and latest technologies with regard to the engines used for commute and transportation, which render least polluted environment
 - **Awareness**: To instruct or educate all the employees, students, visitors on campus about the sustainable development and its impact on national growth
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4. Eco-friendly transportation:

4.1 Objectives:

- To Minimize environmentally hazardous effluents from the vehicles used for transportation
- To monitor continuous and smooth flow of traffic on campus, with proper sign boards and automatic signals for least fuel emissions from vehicles
- To encourage and promote electric vehicles and alternative energy sources for transportation vehicles for zero emissions

4.2 Strategies :

4.2.1 Utilization of Electric vehicles (E V'S): Utilization of E V's for commuting the employees and students from the entrance to the respective departments in operational hours.

4.2.2 Promoting utility of Low emission vehicles: Promotion and utilization of BS6 engines which render emission of safer effluents at low levels from the vehicles, compared to BS4 vehicles.

BS4 vs. BS6 Emission Standards

Pollutant	BS4 (mg/km)	BS6 (mg/km)
Nitrogen Oxides (NOx) - Petrol	80	60
Nitrogen Oxides (NOx) - Diesel	250	80
Particulate Matter (PM) - Diesel	25	4.5

Hydrocarbons (HC) - Petrol	100	100
Hydrocarbons (HC) - Diesel	Not specified	170
Hydrocarbons (HC) + NO _x - Diesel	300	170

- 4.2.3 Employee and student transportation facility:** Adopting and implementation of transport facility to employee for reducing the vehicle emissions from otherwise individual vehicles.
- 4.2.4 Promoting utility of cycles on campus for zero emission :** Promote utilization of bicycles for students and younger employees to promote zero emission transportation
- 4.2.5 E-scooter/bikes services (pay and use) :** Implementation and utilization of Pay and use e-bikes for students and employees to cater their needs
- 4.2.6 Carpooling/ ride sharing services:** Installation of car pooling services for efficient transportation of public at one go which is economical with least fuel consumption
- 4.2.7 Installation of an EV charging station on campus at reasonable rates:** The initiative to install EV charging station on campus promotes, the utility and advantages of using EV vehicles.

5. Implementation. Monitoring, Reporting:

- The university follows strict policy adherence and implementation, subjecting it to automation (governance through CC cams, installed throughout the campus) and manually by personnel appointed for observation and reporting to the higher officials.
- Utilization of PUC devices to ‘stop and check’ by personnel as an initiative, if the vehicle is observed to discharge effluents at higher levels and restrict its entry in campus if found guilty.

- D.Y. Patil University envisages the installation of various “**Multi-parameter air quality monitoring systems**” and “**particulate monitors**” and measures, to safe guard its environment to support life.
 - Periodical data assessment of air and noise pollution and adherence to the accreditation standards will be monitored and recorded by the **quality management system** of the university.
 - Regular upgradation of information, regarding the standards will be recorded and implemented by the QMS, as a measure towards progress of a sustainable India
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6. Responsibilities and Accountability:

6.1 University management/Administration:

The Management and administration support all the necessary resources and facilities for proper implementation of the policy. It also promotes several workshops and seminars on campus and off-campus, for creating awareness and educating people, the purpose of stepping ahead to make the university and its surroundings pollution free – a step towards Sustainable India.

6.2 HOD's and Higher officials:

It is the responsibility of higher officials and HOD's to monitor implementation of policy standards on-campus. Violations of the regulations will be observed stringently by them and necessary measures will be undertaken.

6.3 Employees and students:

To strictly adhere to the guidelines of the policy and make their contribution to render a safer pollution free environment

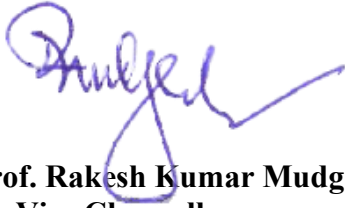
To plant as many as possible plants, which contribute to deliver a safer and pure air continuously, to support life for future generations

7. *Policy review:*

The eco-friendly transportation policy will be reviewed and revised if necessary periodically every 3 years or sooner based on the necessary initiatives to amend. The standards regarding the emissions, pollutants permissible level will be updated and necessary advanced technologies will be implemented by the management to render safer and pollution free working and learning habitat on campus. All the stake holders are encouraged to contribute their feedback and suggestion in the implementation of the policy and contribute their part in achieving sustainable India.

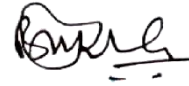
Registrar

869, D. Y. Patil Vidyanagar.
Kolhapur-416006
Phone: (0231) 2601235-36
Email: info@dypatilkolhapur.org



Prof. Rakesh Kumar Mudgal
Vice Chancellor

Vice - Chancellor
D. Y. Patil Education Society
(Deemed to be University)
869, 'E', Kasaba Bawada
KOLHAPUR - 416 006



Dr. V. V. Bhosale
Registrar
Registrar,
D. Y. PATIL EDUCATION SOCIETY
(Deemed to be University)
869, 'E', Kasaba Bawada
KOLHAPUR-416006