

Oriental Fashion Creates a New Mode of New Energy Intelligent Driving Training

On April 8, 2021, the Oriental Fashion New Energy Intelligent Driving Training Park was officially opened, and the Park fully realized the transformation and upgrading of new energy and intelligent driving training, with 1,049 charging piles installed, nearly 1,000 VR intelligent driving training simulators and more than 1,000 new energy intelligent learner-driven vehicles equipped. It has become the largest new energy intelligent driving training base in China. It is estimated that more than 5,800 tons of carbon dioxide emissions will be reduced annually. The person in charge of Daxing Branch of State Grid Beijing Electric Power Company introduced that after three phases of construction, 1,049 charging piles were installed in Oriental Fashion New Energy Intelligent Driving Training Park, with a capacity of 11,600KVA (kilovolt-ampere), and the number and capacity of charging piles were the largest in China.



"As a leading enterprise in the driving training industry in China, Oriental Fashion carries out new development concepts, constructs new development patterns, actively promotes the transformation of new energy to achieve green and low-carbon development, enables driving training with science and technology, makes full use of VR (virtual reality) and AI (artificial intelligence) technology, and leads the transformation, upgrading and high-quality development of the driving training industry, from examination-taking teaching to quality education, which makes driving learning more intelligent, more convenient and more efficient, thus improving students' driving skills and traffic safety awareness in an all-round way," said Yan Wenhui, general manager of Oriental Fashion Driving School Co., Ltd.

According to reports, there are more than 19,000 driving schools in China, and more than 20 million new drivers are added every year. Oriental Fashion is the largest driving training institution in China, which will gradually realize the new energy of training vehicles, driving test vehicles, buses and other vehicles in its

branches all over the country, and intellectualize the training of driving learners. This move will play a strong leading demonstration and boosting role for the green development and intelligent development of the national driver training industry, so that more driving learners can fully enjoy the fruits of the technological revolution.

New Energy: Energy Conservation and Emission Reduction Help Carbon Peak and Carbon Neutrality

This year is the first year of the 14th Five-Year Plan and the beginning of a new journey to build a socialist modern country in an all respects. According to the government work report, "China will seize time to formulate an action plan for peaking carbon dioxide emissions to optimize the industrial structure and energy structure before 2030."

Oriental Fashion New Energy Intelligent Driving Training Park fully adopts the green development mode. After the opening of the park, only VR intelligent driving training simulators and new energy intelligent learner-driven vehicles will reduce more than 5,800 tons of carbon dioxide emissions each year. While saving energy and reducing emissions, it can also effectively reduce operating costs. In the future, Oriental Fashion will further expand the proportion of investment in new energy vehicles, complete the comprehensive conversion of learner-driven vehicles, test vehicles and shuttle buses to new energy vehicles as soon as possible, promote the transformation and upgrading of the industry and green development, and take practical actions to make the sky bluer and the air fresher in the capital, so as to help the country achieve carbon neutrality and carbon peak.

New Concept: A Comprehensive Breakthrough in Traditional Teaching Safe Driving Throughout

It is reported that after the opening of the "Intelligent Driving Training Demonstration Base" in the Eastern District of Beijing Oriental Fashion Driving School in 2019, the whole process of driving learning has been intellectualized, scenarized and standardized, and the learners can train themselves independently 24 hours a day. This time, after upgrading the intelligent driving training in an all-round way, the Oriental Fashion Beijing Park covers an area of over 320,000 square meters and opens 24 hours a day. Learners can train in various subjects independently, which is really convenient, fast, high-quality and efficient.

Relying on the new energy intelligent driving training mode, Oriental Fashion launched a full range of new energy intelligent driving classes for learners, and awarded learners who choose this model with the "carbon reduction master" certificate. It is estimated that the learners who choose the new energy intelligent learning mode will reduce at least 95.66 kg of carbon dioxide emissions in the learning process, and effectively help protect blue sky and clear water.



The Park integrates VR virtual reality, AI automatic driving training, 5G and other advanced technologies with the needs of driving training, and constructs a large data analysis platform for driving training behavior, which keeps safe driving through the whole process of training. By means of science and technology, the systematic intelligent training mode supplements the content that the traditional mode driving instructors can't explain properly, such as the learners can't start the vehicle without wearing seat belts, while the VR simulator not only makes the theory of laws and regulations and road training fully scenarized and standardized, but also adds complicated road traffic scenes that are difficult to experience and dangerous in real life. Such as overtaking, tire burst on the highway, brake failure and other defensive driving training. In the overall learning process, driving instructors will also help learners better adapt to VR simulators and intelligent learner-driven vehicles, and answer questions for students. The park breaks through the traditional teaching in an all-round way, relies on scientific and technological empowerment, promotes the deep development of quality education in driving training, and gives full play to the strong impetus of driving training industry.

New mode: the passing rate of driving test has been significantly improved and learners can drive on the road immediately after obtaining a driving license

Oriental Fashion New Energy Intelligent Driving Training Park adopts the new intelligent driving training mode of VR + AI + actual road training to train qualified drivers who master excellent driving skills and establish solid driving awareness, which truly realizes the transformation of driving training from exam-oriented education to quality education, and makes road traffic more orderly.

From the theoretical course combining cloud teaching and offline 4DVR classroom to the intelligent management system combining mobile APP and intelligent terminal; from the intelligent training integrating traditional teaching experience and intelligent driving training system to the paperless intelligent service system, Oriental Fashion uses intelligent driving training to precisely enable enrollment, management, teaching, training and other application scenarios, links up all aspects of industry authorities, driving schools, driving instructors and learners, and applies the concept of safety and civilization through the whole process of driving training, so as to create a more scientific,

reasonable and systematic new driving training model. To deliver more qualified drivers who can drive on the road and drive civilly with a driving license to the society.

Up to now, more than 200,000 learners have obtained driving licenses through the Oriental Fashion Intelligent Driving Training Model. The data shows that the overall passing rate of the learners trained by the intelligent driving training mode is about 10% higher than that of the traditional training mode. In the future, the Company will continue to optimize the teaching content and teaching methods of VR intelligent simulation training, improve the learners' standard driving and operation skills, help them develop good driving habits from the beginning of learning to drive, and truly make them dare and be able to drive on the road immediately after getting driving licenses. Moreover, technology empowerment makes driving learning more and more convenient, high-quality and efficient, not only to learn driving 24 hours a day, but also to fully meet the requirements of learners for post-COVID era to reduce the risk of disease infection.

New Upgrade: Innovation-driven Mode Promotes Industry Intelligence Upgrade

Driving school is the first gateway of road traffic safety. Driving training is not only to help learners master driving skills and pass the test, but also to cultivate law-abiding, safe and civilized drivers. Scientific and technological empowerment and innovative training mode is an inevitable way to promote the transformation of driving training from exam-oriented education to quality education, and also the need for driving training industry to achieve industrial upgrading, green development and high-quality development.

Oriental Fashion takes quality education as the guide, relying on the new generation of intelligent driving training mode with scientific and technological empowerment, high efficiency, convenience and green environmental protection, and constructs a new industrial cluster integrating traditional driving training culture and green intelligent technology. Taking Beijing as the starting point, the branches of Oriental Fashion in all parts of the country are also transforming into intelligent driving training in an all-round way, promoting the development of Oriental Fashion Intelligent Driving Training Industry towards systematization and branding, and consolidating the achievements of scientific and technological empowerment. The pioneering trial of Oriental Fashion provides samples and practices for the transformation and upgrading of the national driving training industry, effectively promoting the national driving training industry to achieve technological empowerment, upgrading and development as well as intelligent development.

New Development: Constructing a New Pattern of Driving Training Development

Intelligent driving training mode based on VR and AI technology is leading the revolutionary change of the national driving training industry. The comprehensive application of intelligent driving training mode, on the one hand, can effectively improve the efficiency and effectiveness of training, reduce the interference of practice driving time, training venues, weather conditions, teacher ability and quality and other factors, so that standardized, scenarized

and intellectualized teaching can be gathered to the vast number of driving learning groups, and provide legitimate and qualified drivers for the society; on the other hand, it is conducive to energy saving and environmental protection as well as saving manpower and land resources, which can effectively reduce the use and loss of vehicles, driving school manpower, safety risks, site construction and the operating costs of driving schools, thereby improving the competitiveness and development capacity of the whole industry. VR intelligent driving simulator can achieve effective savings in driving school manpower, vehicle wear and tear, fuel use, vehicle maintenance and other aspects, and can help driving schools to reduce 30 ~ 40% of their operating costs.

In fact, Oriental Fashion has been trying to explore how to build a smart park for driving training enterprises. Oriental Fashion develops and continuously upgrades the teaching system to match learner-driven vehicles, driving instructors and learners more scientifically, reasonably and humanely. The company develops learners' APP and office APP for mobile phone, advocates and realizes paperless office for the whole process, and the application of self-service physical examination machine and test face recognition system doubles the sense of driving test technology. Located in the Oriental Fashion Registration Center, the "24-hour convenient self-service vehicle administration office" can meet the needs of citizens for self-service business such as renewal of driving license upon expiration and replacement of lost license.

Attachment: Development Milestones of Beijing Oriental Fashion New Energy Intelligent Driving Training Park

In 2000, Oriental Fashion realized the importance of "simulation" in driving training, and cooperated with ROK companies to create professional driving training simulation equipment in China, making itself the industry first in China.

In 2017, Oriental Fashion first applied VR technology to the theoretical training class of driving training.

In 2018, Oriental Fashion created a "Traffic Safety Projection Hall" to watch traffic accident case films through VR projection technology. The vivid 4D effect is like visiting the scene in person, bringing visitors a vivid and intuitive experience, so that they can have a deeper understanding and recognition of "obeying traffic rules" and "civilized driving".

In August 2018, after careful planning, installation and debugging, the teaching of Oriental Fashion VR laws and regulations was officially launched.

In December 2018, Oriental Fashion joined hands with Chigusa Phantom to launch VR driving simulator, which not only won the recognition of the majority of learners, but also attracted the attention of major media.

In July 2019, Oriental Fashion completed the full coverage of 5G network, laying a good foundation for building "Intelligent Driving Training Demonstration Base".

In October 2019, the "Intelligent Driving Training Demonstration Base" opened in the Eastern Fashion District. It is the first fully intelligent driving training base in the world for the combination teaching of VR simulator and intelligent training vehicle.

On February 20, 2020, affected by the COVID-19 pandemic, the intelligent

driving training demonstration base took the lead in resumption of training, and Oriental Fashion became the earliest resumption of training driving training institution in China. Since then, Oriental Fashion has resumed work and training in an orderly manner.

In November 2020, the project of Oriental Fashion Intelligent Driving Training Wenzhou Co., Ltd. was formally signed.

On April 8, 2021, the Oriental Fashion New Energy Intelligent Driving Training Park was officially opened.