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FEDERATION OF INDUSTRIAL &
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“**E-WHEELS**
is an exclusive expo
pertaining to enhancement of
Electric Vehicle Industry in India.”

E-WHEELS
Electric Vehicle Expo

19 20 21 March 2021
Paragati Maidan, New Delhi



Join the Electric Vehicles Revolution at the E-Wheels Expo 2021

“E-WHEELS EXPO 2021”

JOIN US FOR THIS EXCITING EVENT

THE FUTURE OF E-MOBILITY TECHNOLOGY IN NEW DELHI

Meet Thousands of Prospective Buyers at the E-Wheels Expo. E-Wheels Expo aims to provide access to the latest vehicles & information to enable informed decisions relating to Electric Vehicles purchases.

ABOUT INDUSTRY

Global Perspective: The electric vehicle market has witnessed rapid evolution with the ongoing developments in automotive sector. Favourable government policies and support in terms of subsidies and grants, tax rebates and other non-financial benefits in the form of car pool lane access, and new car registration the increasing vehicle range, better availability of charging infrastructure and proactive participation by automotive OEMs would drive the global electric vehicle sales.

Indian Scenario: The EV market in India has gained significant momentum after the implementation of FAME India scheme. The total EV sales expected to grow at a CAGR of 36% till 2026. To give a push to the electric vehicle manufacturing and adoption in the country, the government has allocated Rs. 10,000 crores to be spent over three years starting from April 1, 2019. The allocation is under the Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (or FAME II). Electric vehicle sales in the country increased by 20% to 156,000 units in the last financial year. This growth of 20% has largely come from two-wheelers. This figure does not include E Rickshaws which is still largely with the unorganized sector with a reported sale of around 90,000 unit.

EV battery market is forecasted to grow at 30% CAGR, registering a growth of 28.0 GWh till 2026. The public charging infrastructure shall grow at a CAGR of 60% and the total charger sales shall grow by up to 50,000 units till 2026. However, all of this relies on indispensable factors such as creating robust charging infrastructure and reducing India's over-dependency on battery imports. Both these issues can be managed when we start manufacturing rechargeable batteries indigenously and augment our electricity generation potential.

Of the electric two-wheelers sold last fiscal, 97% were electric scooters and a very small volume of motorcycles and electric cycles accounted for the remaining 3%. Low-speed scooters that have a max speed of 25km/hr and do not need registration with the transport authorities constituted a whopping 90% of all electric two-wheelers sold. In the electric four-wheeler segment, 3400 units in the previous fiscal year. The decrease in numbers is attributed mainly due to lack of bulk purchase of E-cars in FY 19-20 and discontinuation of one of the leading car models.

“Government Allocates ₹10,000 Cr Under Fame II to Hasten Electric Vehicle Adoption in India”

As per Electric Vehicle (EV) Market Overview, India's vehicle market has been undergoing seismic shifts where the growth has been catapulted by buyers moving from lower segment vehicles to sub-luxury segment vehicles. Another push in the automobile sector has been the introduction of alternate fuel running vehicles or Electric Vehicles (EVs) in the country.

With rising concerns around climate change, severe health hazards arising out of pollution, carbon emissions from fossil fuels, and the dire need for environmentally sustainable solutions; all these are pushing the vehicle market to adopt EVs in a big way.

E-mobility has arrived in India with new players coming in... In the Indian context, any discourse around Electric Vehicles cannot be disjointed from pollution and its impact, dependence on oil imports, dire need to have more renewable sources of energy. The automotive industry could benefit by viewing it not as a threat, but an opportunity. The good news is that policymakers are trying to seriously consider it and the social circle across the nation is making EV a buzzword.

India has great expectations of achieving a high level of penetration in e-mobility by 2030. The reason is not very surprising; the alarming levels of pollution indices which keep on rising and the colossal dollars the country must pay for annual crude oil imports.

An integrated policy on future of mobility with a focus on zero-emission mobility is the call of the hour. However, such a policy should also consider financial health of the industry, revenue to the government and employment opportunities to millions and millions. The future of electric mobility is here and is here to stay, evolve and widen its reach.

This significant increase in the outlay, according to automobile industry players, shows that electric and hybrid vehicles are gaining much-needed momentum in the country.

- Subsidy on Purchase of Electric Vehicles and Hybrid Vehicles.
- Charging Infrastructure to Be Strengthened.
- Emphasis on Pushing Public Transport and Cab Services to Go Electric.
- Incentives for Two-Wheelers.
- Exemption of Road Tax, Registration Fees and Parking Charges.

MARKET SEGMENTS

- **EV segments:** Electric Two wheelers, Low speed Three wheelers, High-speed three wheelers, Personal electric Cars, Commercial Fleet Electric cars, Electric buses.
- **EV Public charging Infrastructure Segments:** Type 1 AC (upto 3.3kW), Type 2 AC (3-22kW), Fast DC (15-150kW) Electric Vehicle Component Market in India to Grow with More Than 22.1% CAGR in Near Future: P&S Intelligence.
- The fastest growth in the Indian electric vehicle component market is predicted to be experienced by the passenger car category during the forecast period, due to the swelling numbers of such automobiles in the fleet of shared mobility firms, as a result of the continued efforts of the government and such companies for transitioning toward clean transportation.
- In 2019, the original equipment manufacturer (OEM) bifurcation held larger share in the Indian electric vehicle component market for two-wheelers.
- E-rickshaws are not only easier to operate than pedal-based rickshaws, but also more cost-effective than auto-rickshaws, which is why their numbers on the roads are rising fast. Till 2030, the highest CAGR, of 61.7%, would be displayed by the battery management system (BMS) category, in the Indian electric vehicle component market for passenger car battery packs in India. This is because a BMS protects the battery pack, which is the most crucial and expensive component of an electric car, from damage, by making sure it is not operated beyond its safe functional area. Apart from managing and controlling its operations, a BMS also notifies car owners of the current battery status, which is why its integration is swiftly surging in electric cars. Delhi was the largest Indian electric vehicle component market for commercial vehicles during the historical period, owing to the high pollution levels in the city, which have steadily raised the number of electric buses and trucks in the city in the last few years. In recent years, partnerships have come to shape the competition in the Indian electric vehicle component market, as part manufacturers are using such collaborations to increase their presence in the industry.

ABOUT RideAsia - 2021

RideAsia-2021 will be a B2B event for attracting dealers, distributors, importers and entrepreneurs who are looking for new business opportunities in Bicycle Parts, E -Vehicles, Sports and Fitness industry. It will also be open to B2C segment to increase awareness about Bicycle 5- Bicycle Parts, E-Vehicles, Sports and Fitness industry and provide knowledge about Latest products and services with their availability. As technologies are upgrading fast and in order to compete in the international market. RideAsia has taken one step ahead by allowing exhibitors to gauge reactions to new products and take consumer feedback. RideAsia is being organized at Pragati Maidan, New Delhi from **19-20-21 March 2021**.

Successful industrialist and Businessman strongly believe in innovation and Latest technological advancements which trigger them to new height in industry and to compete in the international market. Ride Asia is the perfect platform to Visualize Quality through Competiveness and ensures to achieve the slogan "TAKE A TOUR TO ASIA'S WHEELS", also best platform for the Visitors and Exhibitors across the country to judge about the technologies b- innovation which is occurring throughout the world at common platform. RideAsia aims to promote the Indian and international industry by bringing the manufacturers, dealers, retailers and consumer at common platform.

Business to Business (B2B) relation is must in order to stay connected in the market, for this RideAsia has the perfect facilitator for cooperation between national and international manufacturers and consumers of all industrial sectors. The focus is directed to make and maintain the longterm relationship building among national and international clients.

RideAsia is a flagship event for Indian and International industry Bicycle & Bicycle Parts, E — Vehicles, Sports and Fitness Manufacturers. This Mega event attracts visitors from wide spectrum of manufacturing and ancillary industries including key decision and policy makers as well as industry captains who are keen to source latest technologies and manufacturing solutions for their products.



ABOUT ELECTRIC WHEELS EXP

E-wheels Expo is India's largest gathering of Electric Vehicles Industry, it is coupled with the vast opportunities and potential challenges of EV development in India. It is a common platform which unites engineers, mechanics, scientists and decision-makers to solve problems across the electric vehicle and advanced battery industries. This show capitalizes on the latest EV trends and exchange ground breaking ideas with experts and industry visionaries on trending topics including battery technologies, energy storage solutions and developing charging infrastructure.

E-Wheels Expo 2021 is an International Expo for the Growth of Indian E-Vehicle Industry, it will focus on ensuring an enabling environment for the commercialization of electric vehicles in India and realizing the EV Industry's potential as a key contributor to the country's goal of achieving climate resilience, energy security and sustainable growth.

EV market is estimated to flourish absorbitantly with a rapid growth rate between 2020 to 2025. It enables latest technology & set right platform for the government authorities, consultants, owners and developers, automotive experts, international and regional organizations, researchers and EV technology providers to share their view and expertise related to Future and Scope of Electric Vehicle in India.

As this EV sector is emerging in few smaller cities of India, a significant behavioural change in the Indian consumers is expected with the launch of New Electric and Hybrid Vehicles and it will lead to new business models in the mobility value chain. It reflects the interaction between electric vehicles and a sustainable and environmentally friendly energy supply. It is an industry hotspot for suppliers, manufacturers, distributors and start-ups in the emerging field of electric mobility and transportation.

It's been organised at the capital city of India – New Delhi, this venue allows great amenities & superb infrastructure to become the best place in India to do business in the e-mobility industries.

The exhibition has grown in size and has established itself as the must-attend event for automotive industry professionals.

The Main Objective of E-Wheels Expo

- This exhibition will serve as a one-stop solution centre for the India's automotive manufacturing industry to showcase new and emerging manufacturing systems, components and parts, energy management systems, e-mobility systems, vehicle safety technologies, and the latest in energy-efficient and electric vehicle models, and many more.
- For the development of the E-Vehicles industry in India, there will be Discussions regarding the opportunities, technical aspects, and concerned issues all at a single platform.
- The eco-friendly electric/solar vehicles are the main focus issues.
- To discuss the transport solutions for better connectivity in the smart cities.
- To discuss the E-Vehicle solutions for industries and at commercial establishments.
- To discuss the green and sustainable energy country.

Glympse RideAsia-2019







PRESTIGIOUS CLIENTS

EVENT HIGHLIGHTS

- Show Name : **E-WHEELS**
- Date : **19-20-21 MARCH, 2021**
- Venue : **PRAGATI MAIDAN, NEW DELHI**
- Timing : **10:00 AM TO 6:00 PM**
- Exhibitors : **300+**
- Visitors : **50,000+**
- Products & Services : **10,000+**

BENEFITS OF ATTENDING E-WHEELS EXPO 2021

- Special Attraction venue: **Test Drives and Rides**
- Latest Manufacturing Technologies.
- New Business Opportunities.
- Quality Suppliers.
- Ideal Networking Platform.
- Community Meet Ups.
- Interactive Sessions.
- One Stop event to meet all the Distributors, Traders.
- Individuals can gain more knowledge about the EV Industries, opportunities and challenges.
- Opportunity to meet with various EV industries experts and interact with them in this event.

To have the live exposure at venue, jump into an electric vehicle and experience the Electric difference. You will be able to view and experience a range of 3 & 4 electric wheelers driving a virtual loop on roads offering you the ability to experience a demo ride and chat to their owners. Bikes and other Electric Vehicles such as Skateboards, E-Cycles, E-Scooters & stand on Scooters will also be available to test ride. Chat to the vendors to find out more about each exciting Vehicle.

EXHIBITOR PROFILE

- 2 Wheelers, 3 Wheelers & 4 wheelers Electric and Hybrid vehicle manufactures
- Accessories & Auto Parts Manufacturer
- Allied products and materials
- Artificial Intelligence / IOT / Manufacturing 4.0 / Robotics
- Assembly Solutions & Applications
- Autonomous Driving Systems & Drive trains
- Banks, Financial Institutions & Insurance Companies
- Batteries & Components,
- Body & Chassis Fabricators
- Chargers, Connectors & harnesses
- CAD/CAM/CAE cum design simulation/ Software & Equipment Providers
- Drive System
- E-Cargo vans, E-Solar powered Boats, E-Buses & E-Golf carts
- Electric Vehicle & New Energy Vehicles
- Electric Vehicle Accessories
- Energy storage technology
- Entertainment, Connectivity & Navigation Systems
- Hybrid & Solar Vehicle
- Inverters, Peripherals
- Magnetic Contractors, Motors, Power controllers & Power trains
- Motor Technologies
- New Energy Vehicle Battery, Component Manufacturers & Infrastructure Providers
- Power & Energy Monitoring System, Power Devices
- Research & Development
- Rechargeable Batteries, Next-generation Batteries
- Safety Driving Systems
- Solar panels & cells
- Solid State Distribution Equipment Providers
- System Providers
- Thermal Management
- Wind Energy, Bio Fuel, Eco Energy

Commercial Details

E-Wheels 2021



The Shell space would include :-

- Floored carpet
- Fabricated stall
- Side and rear wall panels
- Exhibitors name on Facia
- Two Laminated Table
- Four Chairs
- One Dust Bin
- Six Spot Lights
- One 5 Amp Plug Socket
- One Entry in Participant directory

Important Dates

Payment Schedule

25% on Booking	Against Booking Confirmation
50% of Balance Amount	Before 31st December 2021
Full Amount	15th February 2021

Note: GST as Applicable by Govt. (India)

ABOUT ORGANIZER

UDAN MEDIA AND COMMUNICATIONS PVT. LTD. is a renowned name amongst the premier business houses of India. The organization is known for its dedicated and committed efforts in providing a strong platform to the entrepreneurs across the country and overseas. Our objective is to uplift the SMEs by providing them a common platform to showcase their product, get an exposure to new technology and become competitive to face the new challenges. We work To bring all the stake holders together related to that field for enhancement of trade. After All, exhibition means much more than Buyer-seller Meet.

The young and strong team of **Udan Media and Communications Pvt. Ltd.** has provided an unmatched quality to its partners with a vision to be the pioneers in Trade Fairs & Event Management. Organisers are open to changes and create business friendly environments where the clients/partners feel that they are part of the process with changing times. Our aim is better growth of Industry, sustain ability of business and contribute economically to the Nation building.



Our track Record & recent time performances certainly indicate to fact that, if you want excellent exposure for your products & best quality services matching international standards, there is one name to trust, **UDAN MEDIA & COMMUNICATIONS PVT. LTD.**

Track Record

- 10 years of expertise
- 30+ Exhibitions hosted
- Managing 5 top brands in different B2B Vertical
- 100+ Product & Service Categories Covered
- Supported by 50+ Business Associations

2019-20 Stats

- 5 Exhibitions delivered
- New Delhi, Ludhiana, Chandigarh
- 1500+ Exhibitors
- 40,000 sq. mtr. sold area
- More Than 1.5 Lac visitors

team works, makes the dream works...

Experience the Benefits of Concurrent Shows:

The E Wheels Expo is presented in partnership with Ride Asia Show and together they bring more than 300 National & International suppliers to New Delhi. Combined, the two shows make up Asia's/India's largest EV technology trade fair, making it the leading meeting place for the latest powertrain technology in the e-mobility industry.

Visitor's Interest/Optional:Pictorial

- E-Vehicles
- E-Vehicles Battery
- Components
- Charging Station
- EV-Technology

CONFERENCE:

- Conference Overview
- Schedule
- Speakers
- Speaker Centre

Plan Travel:

- Discounted Hotels
- Travel, Transportation & Parking

Reaching Venue:

- By Bus
- From Airport
- Reaching Pragati Maidan by Delhi Metro
- By Radio Taxi

Visitor Registration:Link & Timing info details...

Enjoy Govt. Subsidies for Participation: Contact Organisers

Client's Testimonials: Last year Video & interview content 1-2 liners statements

VISITOR PROFILE

- Automotive Manufacturers & Assemblers
- Automotive Component Manufacturers
- Automotive Consultants
- Automotive Training Institutes & OEMs
- City Planners, Infrastructure Developers & Highway Concessionaires
- Component Suppliers & Purchasing
- Dealers, Distributors/ Traders
- E-Rickshaw Owners/Operators
- Hospitality Industry
- Insurance Companies
- Investors/ Financial Institutes
- IT developers/System Designers & Engineers
- Motor/Inverters Manufactures
- Operation & Services
- Policy Makers & Government Departments
- Production, Procurement & Factory Managers
- Rechargeable Batteries Manufacturers
- Testing Agencies