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YOUR DAILY GUIDE TO ALL THE ACTION AT AUTO EXPO 2020



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AUTO EXPO, HALL NO. 1, GREATER NOIDA, 7-12 FEBRUARY 2020



WELCOME

SIRISH CHANDRAN

IT'S THE FINAL DAY OF THE 15TH SIAM Auto Expo and going by the response it looks like this will end up being the most visited Auto Expo ever. On Sunday over 100,000 visitors thronged the 14 halls of the Expo and the stream of visitors hardly slowed down with Monday clocking over 90,000 visitors. And not without reason!

This Auto Expo, more than anything else, showcases the might of the Indian automotive industry. Mahindra has made a massive statement of its intent to not just assume a leadership role as far as the electrification of the Indian automotive market goes but also its commitment to conventional IC engines. The mStallion range of engines has been completely developed in-house and it will not only go into Mahindra vehicles but also future SsangYong and Fords. At the other end of the spectrum there's the Atom EV that is set to revolutionise last mile connectivity.

Tata Motors also made a massive splash with their Sierra and HBX concepts, the latter of which is going to hit the roads very soon. At the other end of their stand they also had their massive trucks, the Prima range, now looking even more stylish what with Pratap Bose and his styling team working their magic on the design. The Winger van too has been completely revitalised and now sports Tata Motors' SUV styling treatment.

I must close by also highlighting the commitment global auto majors are making in the Indian market. Great Wall Motors is investing 1 billion US dollars which includes a full-fledged manufacturing facility while the first fruits of the VW Group's 1 billion euro investment is on display in the form of the VW Taigun and Skoda Vision IN mid-size SUVs. Go check them out and enjoy the last day of the Auto Expo!

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SIAM ORGANISES FINANCING SUMMIT AT AUTO EXPO 2020

WITH BANKING AND NON-banking financial companies under stress, the automotive finance segment, which has been a major enabler for the growth of automobile manufacturing, needed across the board deliberations to explore ways and means for developing a more collaborative ecosystem. The first of its kind summit on automobile financing kick-started the deliberations on many pertinent issues faced by the industry owing to economic slowdown.

About 85 per cent of passenger vehicles, 90 per cent of commercial vehicles and 50 per cent of two-wheelers are financed in the country and hence financial sector plays an important role in auto sector growth. Currently the automobile finance and leasing industry is also going through a churning and new imperatives are emerging. With this background, the summit witnessed participation from leading minds across segments, including finance and marketing heads of automobile industry, bankers, NBFCs, automobile dealers, economists, and many more stakeholders participated in the event.

The Chairman of SIAM Finance, Leasing & Insurance Group Mr. Gopal Bansal welcomed everyone to the inaugural session of Automobile Financing Summit.

"The automobile sector contributes 7-8% of GDP and is a major employment generator. Having strong forward and backward linkages with multiple segments, any negative impact to the automobile sector will have far reaching impact on the whole manufacturing sector. Credit financing sector has been the biggest enabler to the automobile sector, and therefore, it is essential for financial institutions, OEMs and Dealer Partners to come together & discuss a collaborative way forward", Mr. Bansal said.

The day long deliberations discussed many other pertinent issues and industry trends such as the banking system transitioning from a local bank, to a network, to a connected ecosystem, and now to digital banking system; impact on two-wheeler segment, future products in terms of subscription based vehicle leasing systems.



RAJESH MENON, DIRECTOR GENERAL, SIAM said, "On behalf of the entire Auto Expo organising team, I would like to take this opportunity to thank all our exhibitors and consumers who showed keen interest in visiting Auto Expo. I would also like to express gratitude to our venue and service partners, District Administration, Greater Noida Authority, Police & the Uttar Pradesh state government for all their help and support in making the Auto Expo – The Motor Show 2020, a great success."



L to R: Mr. Deependra Sharma, senior general manager, Mahindra & Mahindra; Mr. Pankaj Singhal, head- marketing finance, VECV; Mr. Bhuvan Dheer, vice president & head- retail & channel finance, Maruti Suzuki; Mr. Neelash Arya, head- retail & channel finance, Bajaj Auto; Mr. Rakesh Arora, senior president business manager, vehicle loans & dealer funding



L to R: Mr. Kamesh Chaudhary, head- sales & distribution, Volkswagen Financial Services; Mr. Sachin Khandelwal, MD& CEO, Manta Projects; Mr. Ajay Sahasrabudhe, COO, Hero Fincorp; Mr. Arun Malhotra, former managing director, Nissan India; Mr. Raman Aggarwal, Co-Chairman, Finance Industry Development Council (FIDC); Mr. Prasad Salunke, executive vice president, Daimler Financial Services India Pvt. India



L to R: Neha Gupta, partner, Boston Consulting Group; Mr. Gopal Bansal, whole time director, CFO, SML Isuzu; Mr. Rohan Rao, partner, KPMG; Mr. Nikunj Sanghi, past president, FADA; Mr. Ajay Srinivasan, director- Industry Research, CRISIL; Mr. Avik Chattopadhyay, co-founder, Expereal

THE ELECTRICS!

IBM will electrify your city's transport with its electric bus and charging infrastructure – Pg. 5

FULL FORCE

An electric Traveller to shock you, plus the new T1 N shared mobility platform – Pg. 5

SHOWDAILY

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Winger

Tata Motors brings style and substance to its vans with the new Winger



BIG GUNS BLAZING
MAHINDRA SHOWCASES ITS FLEET OF CVS AT THE EXPO

SML ISUZU HIROI Pg. 7





AUTO ART

The Artist exhibit has a section for furniture made with unused car parts, and we're drooling!

AS PART OF ARTIST'S motto of using the unused, their section which has furniture on display caught our eye. It features everything from tables with legs made out of springs and the top made from tyre rubber to office chairs made from the front seat of a car and even lamps. One of the best pieces in our opinion, was a bench made out of the bumper of an old Mercedes. For a petrolhead who is looking to do up his house, there is no better place to go, especially since all the pieces you see are up for sale! But hurry, these are one-off pieces and won't be around for too long!

INTERNATIONAL CONFERENCE ON RECYCLING & CIRCULAR ECONOMY IN AUTOMOTIVE SECTOR

IN THE SUBSET OF THE 15TH Auto Expo, Society of Indian Automobile Manufacturers (SIAM) under the patronage of Ministry of Environment, Forest & Climate Change and Ministry of Steel organized an International Conference on 'Recycling and Circular Economy in Automotive sector' today to showcase the circularity of materials in automotive sector and establish a 'cradle to cradle' model aimed at eliminating waste through recycling and reuse of end-of-life vehicles.

This conference was held in an attempt to highlight the continual utilization of resources replacing the traditional linear economy, which envisages a 'Take, Make, Dispose' model of production, which is in line with the draft National Resource Efficiency Policy 2019, ELV Guidelines and Recycling Guidelines issued by the Government of India.

On this occasion, Mr Rajesh Menon, Director General, SIAM said, "The circular economy envisages continual utilization of resources replacing the traditional linear economy, which envisages a 'Take, Make, Dispose' model of production. The idea of national policy is to drive the country to a green manufacturing to increase the usage of six hours of sustainability and secondary raw material."



Mr. Satyakam Arya, MD and CEO, Daimler India Commercial Vehicles; Mr. Anshuman Singhania, Deputy MD, JK Tyre & Industries; Mr. VK Misra, Technical Director, JK Tyre & Industries; Mr. Srinivasu Allaphan, Director - Sales & Marketing, JK Tyre & Industries along with other company officials at JK Tyre Exhibit in Auto Expo 2020

E9 CITY BUS

HALL 10



CLEAN MASS MOBILITY

JBM Auto introduce two electric buses, Eco-Life e9 and e12, at the Auto Expo 2020

JBM AUTO HAS LAUNCHED two mass mobility electric buses, the Eco-life e9 and the e12 at the Auto Expo 2020. The company will produce these buses at its manufacturing unit in Faridabad, that has a capacity to churn out 2000 buses annually. These new buses have a range of 125-150km and the Eco-Life comes with an electronic braking system and a unique electric drive system. JBM also looks after battery technology and charging infrastructure required to run these vehicles. One of the claims JBM has made is that the Eco-life zero-emissions vehicle (ZEV) saves around 1000 tonnes of carbon dioxide and 3.5 lakh litres of diesel over the operation life cycle of 10 years. These buses can be adapted to myriad uses, and can be used in different geographic regions.

Nishant Arya, executive director, JBM Group, said, "We have a long journey to ensure zero-emission public transport solutions and electric buses would be a

catalyst. Today countries across the globe are embarking on creating sustainable EV policies and if India achieves the FAME-II targets it will be amongst the top three countries in the world, in terms of the number of e-vehicles. This will also generate around 10 million jobs and open many avenues for direct and indirect employment in the e-mobility space and allied sectors."

He further added, "Eco-Life e9 expands our electric bus portfolio further with its elder sibling e12 that was launched in the last Auto Expo. The Eco-Life series has been designed and localised keeping the government's Make in India vision. We have also conceptualised the 'Well to Wheel' concept of e-mobility in-house i.e. solutions ranging right from clean energy generation to green energy consumption."

Public transport and mass mobility solutions are the best places to start the shift to electric powertrains. In addition to fleet taxis, electric buses could go a long way in cleaning up our cities.

BRUTE FORCE

Force Motors step into the future with their T1N van platform, Traveller Electric and new monocoque buses

PLANE-BASED FORCE MOTORS have been in the headlines quite often lately. They recently unveiled their T1N shared mobility platform and at the Auto Expo 2020, the brand put forth a formidable display of commercial vehicles based on three all-new platforms.

One of the major showcases was of course the T1N platform, that has been developed for both, ICE drivetrains and 100 per cent electric ones as well. The platform has been developed for global markets, especially for Middle East, Africa, ASEAN, and South America where T1N based

commercial vehicles are expected to be value for money propositions, comparable to the ones offered in the USA and Europe. Also on showcase was the electric version of their flagship Traveller. The brand sells thousands of Travellers every month and its all-electric iteration heralds a new era for the iconic vehicle in 2020. The Traveller's electric motor produces 161bhp and it has a seating capacity of 13, excluding the driver.

The brand also showcased two buses built on a modular monocoque platform that was entirely developed in-house by the company's R&D team. Thanks to the



monocoque construction, the company claims that these buses are lighter and structurally stronger than rival buses, offering superior fuel economy. They will be available in 51-seater and 33-seater configurations.

Another notable aspect about Force Motors is that it's the only company in the

world producing engines ranging from 150hp to 1050hp for premium brands like the Mercedes, BMW and Rolls-Royce Power Systems. These engines were also showcased at the Auto Expo 2020. Expect the brand to shell out production versions of the vehicles based on the T1N platform towards the end of 2020.



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OLECTRA-BYD UNVEILS THE C9

Travel in style in the C9, India's first inter-city electric luxury bus



NITIN GADKARI, UNION Minister for Road Transport & Highways, Shipping and MSME, unveiled Olectra-BYD's C9, India's first electric inter-city coach. The long-distance Intercity Electric Bus gets a seating capacity of between 45-49 depending on the configuration. The 12-metre C9 can travel up to 300km in a single charge with a lithium-ion phosphate battery with fast charging capability, allowing it to be fully charged within three hours.

The C9 offers comfortable luxury push back seats and comes with an infotainment system, Wi-Fi for all passengers and in-built USB chargers for each seat. It also gets 5 cubic metres of luggage space. Olectra-BYD's latest offering can travel up to 300km on a single charge, with a power output of 360kW and a top speed in excess of 100kmph.

OLECTRA-BYD'S C9 CAN TRAVEL 300KM ON A SINGLE CHARGE



NK Rawal, Managing Director, Olectra Greentech, said, "Olectra-BYD has been spearheading the adoption of electric vehicles in the country with focus not only to 'Make in India' but also 'Made for India', to meet the increasing requirements of our diversity in the landscape and terrain of the country."

The buses are manufactured in India by Olectra Greentech in a tie-up with BYD Auto Industry Co Ltd, the world's largest electric vehicle company. Olectra-BYD also showcased the eBuzz city bus and the K6 mini-bus at the Auto Expo 2020.

A LONG WITH THE ABUNDANCE of EVs at the Auto Expo 2020, Mahindra also showcased its heavy vehicle lineup, comprising of the Blazo X heavy truck, Bolero Maxitruck pick-up, Cruzio bus and Furio medium capacity hauler.

Starting off with the Blazo X, which is Mahindra's flagship long-distance haulage model in the sub-49 tonne category, it is offered in cabin and chassis vehicle options, with varying capacities of 28, 35, 42 and 49 tonnes, which was displayed. Similar to most high-capacity haulers, the Blazo X gets a cabin that tilts up to access the engine. The cabin also includes a sleeper berth behind the seats. Powering

HEAVY HITTERS

We get a look at Mahindra's lineup of goods- and people-movers

the Blazo X is Mahindra's BS6-compliant 7.2-litre mPower FuelSmart diesel engine, good for 274bhp and a peak torque of 950Nm arriving at an efficiency-friendly 1100-1700rpm. The Blazo X has a fuel tank capacity is 415 litres with a separate 50-litre tank for AdBlue.

Next was the duo of buses – the 42-seater Cruzio and 65-seater Cruzio Grande, both of which share the brand's

MAHINDRA SHOWCASED ITS CV LINEUP AT THE AUTO EXPO 2020

trademark MDi 3.5-litre diesel engine, making 140bhp and 525Nm. A retuned version of the same engine is used by the brand's Furio truck, although in this case it makes 138bhp and 500Nm. Mahindra displayed the Furio in container guise, though it is also available in open cargo (HSD) and refrigerated (reefer) options.

Also on display was the brand's Bolero maxitruck pick-up, a variant of the two decade-strong Bolero badge, and a staple in India's small towns. The Bolero maxitruck, with a payload of 1200kg, uses an m2DiCR 2.5-litre inline-four diesel engine making 62bhp and 195Nm.



WINGS TO FLY

Tata Motors showcases the new Winger alongside all its BS6 commercial vehicles

TATA MOTORS SHOWED THAT it is really getting serious about vans again, and has showcased the new Winger at its pavilion. It gets fresh design, lots of features and tech to make it a more appealing product now.

The styling has very obviously been carried over from Tata Motors' passenger vehicles arm, with the bumper-integrated headlamps and DRLs near the grille. It is bold and imposing, and will do well to give

the Winger a distinct identity. The new Winger has a lot going for it. It gets a car-like cockpit, with a gearshift indicator to make sure driving is easy and more importantly, economical. There is even an Eco switch to enhance economy further. The Winger also boasts of a rear park assist system to make managing its size easier. For the passengers, it is loaded with features like individual AC vents and seats that slide horizontally for better shoulder

width. It also gets multiple USB ports, and lap belts for all seats. The Winger is driven by a 2.2-litre Dicor engine that makes 100bhp and 190Nm, mated to a five-speed gearbox. It is a front-wheel drive system for better traction, better NVH and lower weight. While it gets leaf springs at the

rear, it gets MacPherson struts with coil springs up front.

Another highlight at Tata Motors is the new Prima 5530.S facelift. The industrial load-lugger gets a new cabin, updated front fascia and restyled exterior. It gets a 6.7-litre diesel engine, that puts out 300bhp and 1100Nm. In addition to this, Tata has showcased its entire range of BS6-ready commercial vehicles.

IT WILL DO WELL TO GIVE THE WINGER A DISTINCT IDENTITY



SML ISUZU

SML Isuzu showcase their new series of BS6 compliant buses and trucks, now with better convenience and safety features

SML ISUZU LTD HAS BEEN present in India since 1985 and is the first company to manufacture and supply state-of-the-art and fully built buses, ambulances and customised vehicles. The Auto Expo 2020 was an opportune moment for the brand to showcase the next generation of cleaner and more efficient CVs for India.

At the India Expo Mart in Greater Noida, SML Isuzu's line-up included the Hiroi bus, BH series school bus and two high-load carrying capacity trucks, the Sartaj GS and the Samrat GS among others. All these vehicles are powered by the same four cylinder, 3455cc BS6 diesel engine albeit in different states of tune.

The Hiroi touring bus was the highlight at the SML Isuzu stand as it offers a slew of features like reclining seats with armrests and seatbelts, grab handles and bottle holders, USB and Bluetooth connectivity, LCD screen for movies, individual AC louvers, LED reading lamps and USB ports for every seat among others. The bus scores high on safety as well with two emergency exit roof hatches, emergency exit door, parking sensors and a panic

switch for every seat. While the Hiroi bus makes 113bhp and 400Nm of torque, the rest come with same state of tune – 101bhp and 310Nm of torque. The Samrat GS and Sartaj GS trucks also come with an advanced telematics feature christened SML Saarthi, that provides real time vehicle location, service reminder, trip report and emergency support.

SML Isuzu's portfolio includes a series of multi-purpose buses alongside a range of trucks and special application vehicles.

THE HIROI BUS WAS THE HIGHLIGHT AT THE SML ISUZU STAND



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VENUE LAYOUT OF AUTO EXPO 2020

Gate 7

Gate 9

Gate 10

Gate 11,12

Food Court

Emergency Exit

Food Street

Hall 15



Hall 14

TATA MOTORS

Hall 7

Hall 5

Hall 3

Hall 1



Gate 5



Hall 12

Hall 11

Hall 10

Hall 9

Gate 4

LIST OF EXHIBITORS

Car manufacturers : Force Motors, GWM, Haima, Hyundai, Kia, Mahindra & Mahindra, Maruti Suzuki, Mercedes-Benz, MG Motor, Renault, Skoda, Tata Motors, Volkswagen
Bike manufacturers: Piaggio Group, Suzuki Motorcycles
EVs: Charjet E-mobility, Devot Motors, Goreen E-mobility, Hero Electric, Jitendra New EV Tech, M2go Electric, Okinawa Autotech, Olectra Greentech, Raptree Energy, Rissala Electric
Others: ARAI, Firefox, JBM, JK Tyre, Map My India, SML Isuzu, TVS Srichakra

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