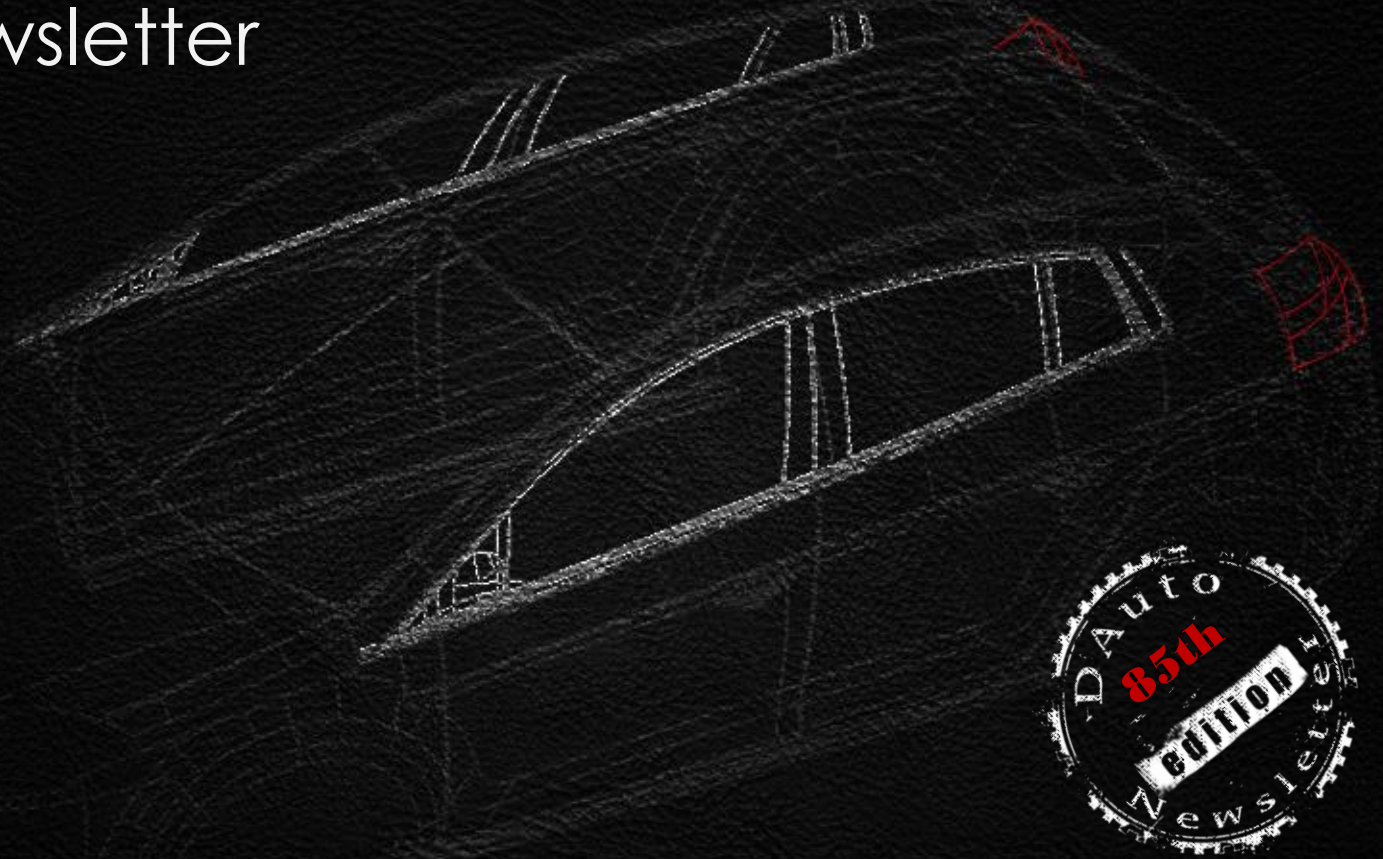


2016

DAuto Newsletter

SEPTEMBER EDITION



Design engineers turn designs into reality. Without them, a great idea but nothing more than, ... well, a great idea.

MERCEDES-BENZ VISION VAN CONCEPT

As part of its new adVANce strategic initiative, Mercedes-Benz has presented the Vision Van, a study of an all-electric commercial vehicle with a fully automated cargo space and integrated drones.



Launched by Mercedes-Benz Vans, the adVANce initiative aims at providing an integrated transportation system solution and will involve a 500 million euros investment over the next five years.

It is fully digitally connected to all people and processes involved, from the distribution center to the consignee.

The front end features a new variant of the distinctive diamond grille, which in this case serves as a communication device, integrating a grille of 2000×500 LEDs.

As part of the initiative, the company presented the Vision Van, an all-electric vehicle that combines various solutions for last-mile delivery in urban and suburban environments.

The main graphic interest is provided by the dark wraparound windscreen – inspired by a VR visor – and the single sharp character line that originates from the headlights and extends to the side doors.

MERCEDES-BENZ VISION VAN CONCEPT

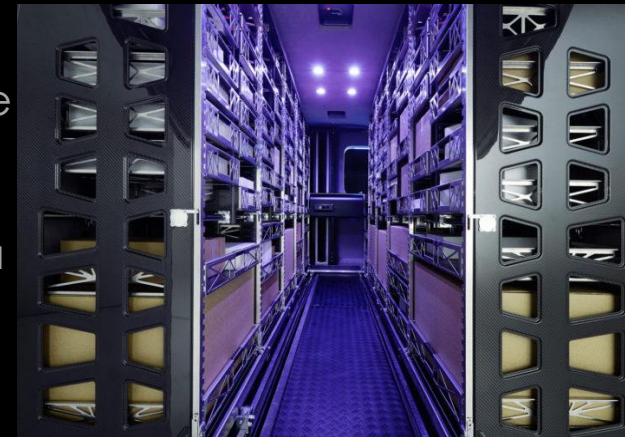
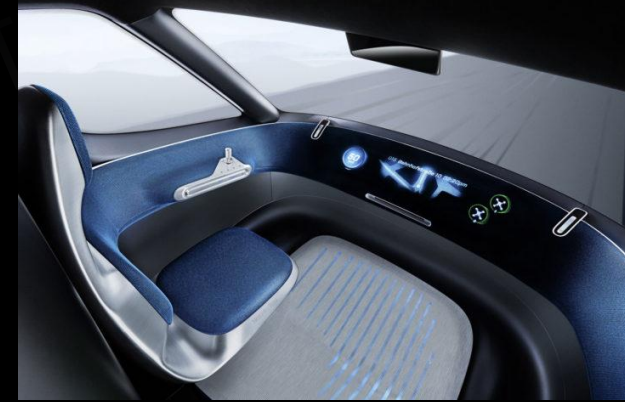


Distinctive features are the **fully automated cargo space** and **integrated delivery drones**. For example, if a parcel service provider stops his vehicle in a residential area, it will be possible to deliver multiple packages to nearby consignees autonomously by air – even if they are not at home – in addition to manual delivery.

The cockpit adopts the same minimalistic approach of the interior, and features a single, uninterrupted dashboard integrating various displays and controls.

Overall, the Vision Can concept fully embodies the brand's "Sensual Purity" design motto.

The vehicle is equipped with a 75 kW electric drive and – depending on the intended application – has a range of 80 km to approximately 270 km.



ZAGATO CREATES MV AGUSTA F4Z ONE-OFF MOTORBIKE

Zagato has created a custom one-off based on the MV Agusta F4 and commissioned by a Japanese collector.



The MV Agusta F4Z's beautiful bodywork was designed and engineered by Zagato using aluminium and carbon fiber and consists of a limited number of relatively large panels.

Unveiled at the third international Concours d'Elegance Chantilly Arts & Elegance 2016, the F4Z is the first Atelier motorbike to be created by the Milanese coachbuilder in collaboration with the bike manufacturer.



This is a characteristic that, in the motorcar world, sets apart collectibles from mass produced automobiles and gives the F4Z a clean, pure look with sensuous surfaces.



Compared to the production MV Agusta F4, the F4Z features an entirely different bodywork. Some parts had to be adapted and re-engineered, others fully replaced by components that were made specially: intake manifolds, fuel tank, battery, exhaust system.

ZAGATO CREATES MV AGUSTA F4Z ONE-OFF MOTORBIKE

The design team of the Zagato Atelier had to tackle the challenge of creating a bike that would interpret the lifestyle of the customer, a young Japanese businessman, president of a holding with interests in the fashion and publishing sectors.



“a motorbike expresses its owner’s lifestyle a lot more than a car. Therefore, it was essential to know and understand the character, passions and wishes of the person to whom the bike was destined.” For MV Agusta, founded in 1945 by Domenico Agusta, the F4Z marks the entrance into the niche of collectibles, built on request and expression of exclusivity.

PININFARINA TO BUILD 10 UNITS OF THE H2 SPEED CONCEPT

Automotive News has reported that Pininfarina is planning to produce a limited run of the H2 Speed Concept unveiled at the Geneva Show in March.

Defined by Pininfarina CEO Silvio Pietro Angori as “a racing car for gentleman drivers”, the track-only H2 Speed will be based on a Le Mans Prototype 2 chassis and will be equipped with two electric motors coupled with a rear-wheel transmission from technical partner GreenGT. The projected price is around \$2.5 million.



LEXUS UX CONCEPT OFFERS IMMERSIVE 3D DRIVING EXPERIENCE

Making its debut at the 2016 Paris Motor Show, the Lexus UX Concept is a compact SUV that introduces an advanced 3-D Human Machine Interface with floating hologram-like controls.

The bold UX Concept is characterized by an advanced HMI technology designed to offer customers an innovative, three-dimensional driver experience.

The center console features a prominent, faceted crystal structure within which a hologram-style display of air-conditioning and infotainment information is clearly visible to both driver and front passenger.

The driver's instrument binnacle houses a transparent globe, floating in the manner of a hologram, in which a combination of analogue and digital information express a functional yet unexpected user interface.



The UX Concept also includes a number of advanced in-vehicle electrical technologies. These include electro-chromatic windows and electrostatic switchgear housed under transparent covers.

The fin motif of the A pillar is repeated in a new audio experience for the younger Lexus customer - a demountable sound bar built into the passenger side of the dashboard.

SSANGYONG PREVIEWS LIV-2 CONCEPT AHEAD OF PARIS DEBUT

At the upcoming Paris Show SsangYong will unveil its LIV-2 large premium SUV concept, the latest iteration of the LIV-1 concept anticipating a production model to be launched next year.



As the latest iteration of the LIV-1 concept exhibited at the Seoul Motor Show in 2013, it advances the car's design language and is based on the brand theme of 'Dignified Motion.'

The SsangYong LIV-2 – Limitless Interface Vehicle – is the final concept of the Y400 development model, and will be launched next year.

LIV-2 is powered by the company's 2.2 liter Euro 6 diesel engine or a newly developed 2.0 liter GDi turbo gasoline engine.



The concept features high levels of safety as well as a contemporary luxury interior equipped with advanced communication technologies.

GIUGIARO TO DESIGN TECHRULES GT96 HYPERCAR

Techrules, the Beijing-based automotive research and development company, has appointed Fabrizio and Giorgetto Giugiaro as design partners for the development of its advanced turbine-recharging electric supercar.

The partnerships will focus on further developing the GT96 supercar – which was first presented as a concept at the 2016 Geneva Motor Show in March – and beginning low volume manufacture of the production version in the coming years.

The company is planning to present a production version of the GT96 at the 2017 Geneva Motor Show.

The GT96 will feature Techrules' proprietary TREV (Turbine-Recharging Electric Vehicle) micro-turbine hybrid range-extender technology.

Producing peak power of 768 kW (1,030 bhp / 1,044 PS), initial projections indicate extreme performance (0 – 100 km/h in 2.5 seconds; 350 km/h limited top speed) and a huge range (over 2,000 km). Under plug-in operation, it achieves fuel consumption of just 0.18 l/100 km (1,569 mpg).



Newly developed battery management technologies enable superior charging efficiency. The high efficiency of the TREV range extender results in a requirement for fewer batteries, saving weight and space.



The micro-turbine is used to generate electricity that charges a battery pack. The battery powers the motors that drive the wheels.

AUDI UNVEILS THE NEW A5 SPORTBACK

Following the A5 Coupé presented back in June, Audi has released the first images of the five-door Sportback version.



The design language adopts the same features of the new Audi A5 Coupé, with tighter surfaces, a stronger side character line, a wider front grille.

The new A5 Sportback is 4,733 millimeters in length (+21 mm compared to the previous model), a 2,824 millimeter wheelbase (+14 mm), 1,843 millimeters wide (-11 mm) wide and 1,386 millimeters high (-5 mm).

The car has maintained the same, balanced proportions, with an extended wheelbase, short overhangs and a long, wraparound hood.

The front end is much more aggressive, due to the four creases on the hood, and the sharp angles of the bumper, the flatter, wider grille and side air intakes

The wave-pattern shoulder line underlines the “quattro” technology. The window contour of the front and rear side windows is underlined by a trim strip in matt aluminum silver



AUDI UNVEILS THE NEW A5 SPORTBACK

Seen from the side, the new A5 Sportback is more muscular thanks to the stronger shoulder crease line, the protruding borders of the front side air intakes, and the bolder treatment of the sill area and rear bumper, which gives form to a sharp, angled highlight.

The A5 Sportback has optional LED headlights and Audi Matrix LED headlights. The new lighting signature of the Audi Matrix LED headlights creates a characteristic, focused four-eye face reminiscent of the Ur-quattro.

Like in the A5 Coupé, the interior of the new A5 Sportback has a more modern look and a layout that emphasizes the interior width.

The rear end design is based on horizontal lines. The slim, three-dimensionally shaped rear lights use LED technology as standard. The third brake light on the upper edge of the rear window spans its entire width.

The headlights are positioned slightly above the top edge of the *Single frame* grille, which is drawn down quite far.



2012 AUDI A5 SPORTBACK



2012 AUDI A5 SPORTBACK



2016 AUDI A5 SPORTBACK



2016 AUDI A5 SPORTBACK



W MOTORS ICONIQ MODEL SEVEN CONCEPT

Presented at the Monterey Car Show, the Model Seven minivan concept is the result of a collaboration among Chinese Iconiq, W Motors, Magna Steyr and Italian design firm Studiotorino.



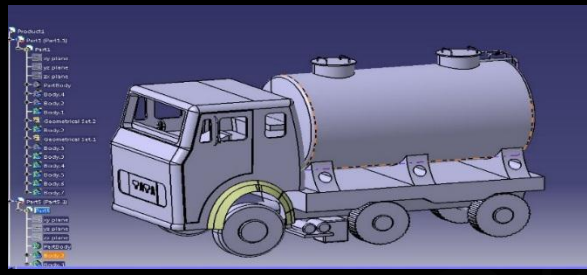
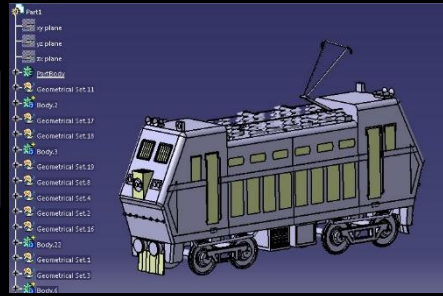
The company is planning to target the commercial market, more specifically corporate fleets, taxis and airport shuttles.



The Seven features an all-electric powertrain, and a design characterized by sharp lines and distinctive cuts – with some reminiscences of the aesthetic language used by W Motors for its supercars Lykan and Fenyr.

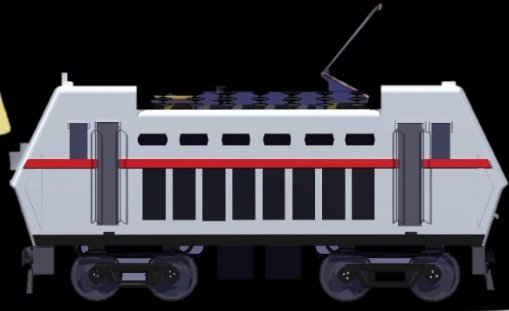
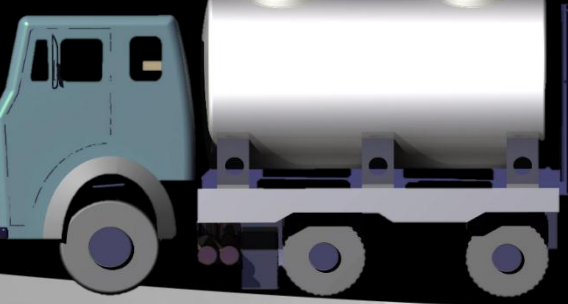
STUDENT'S CORNER

DAuto Training Yield



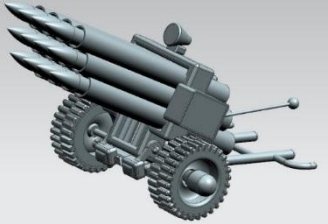
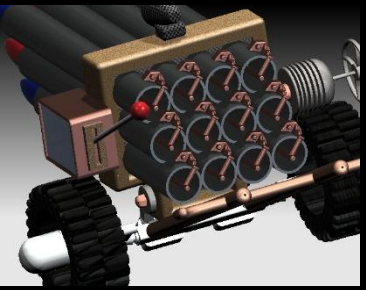
By :
Rakesh Kumar
Singh
(S.I.S.T Bhopal)
Design Tool :
CATIA V5

By :
Deepak
Kaushik
(T.I.T.)
Bhopal
Design Tool :
CATIA V5

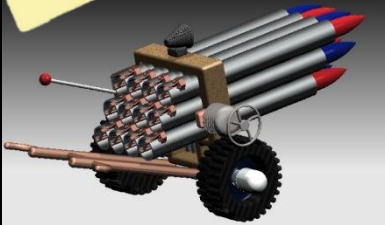
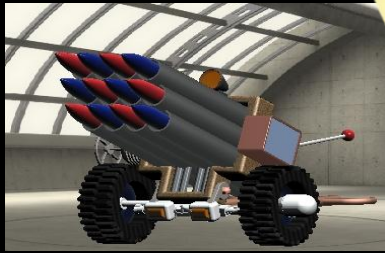
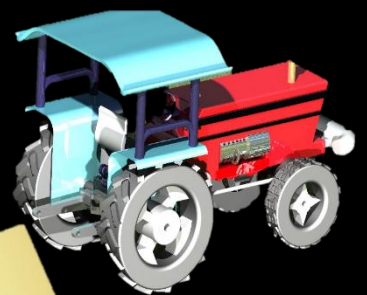
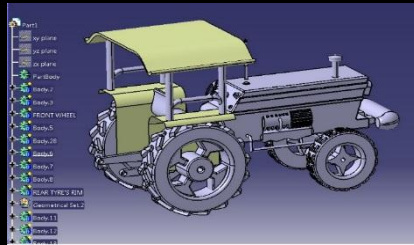
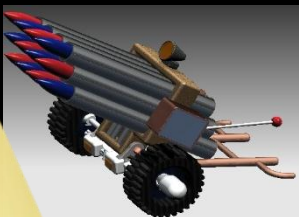


STUDENT'S CORNER

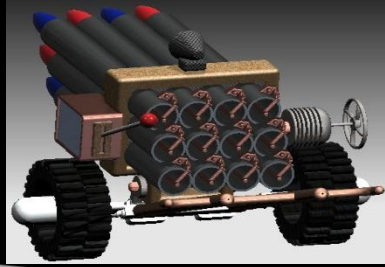
DAuto Training Yield



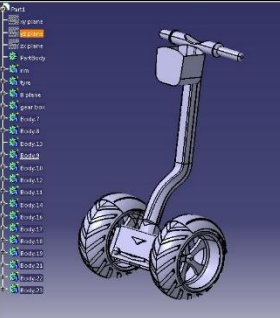
By :
Anurag Acharya
(O.I.S.T Bhopal)
Design Tool :
UG NX



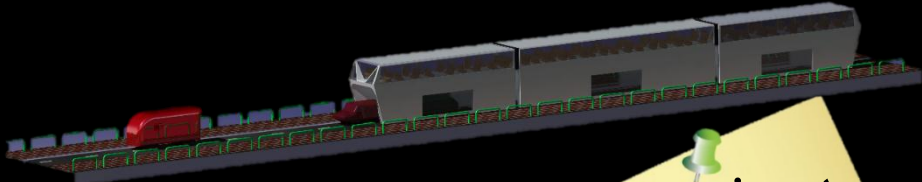
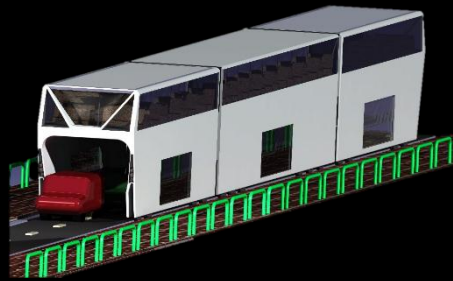
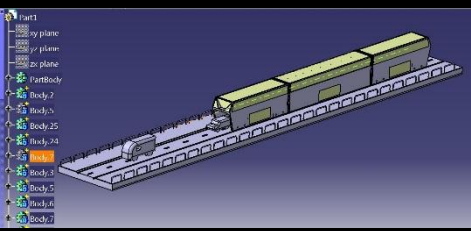
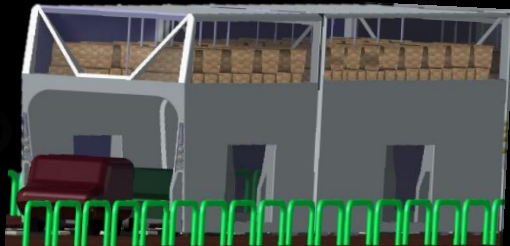
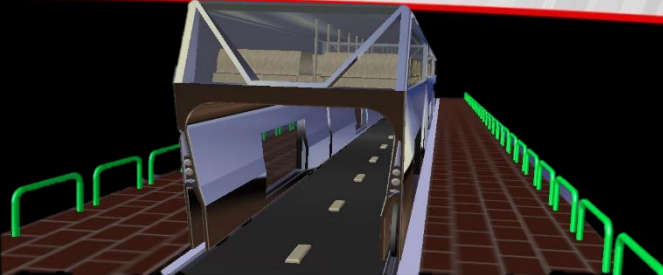
By :
ROHIT GOUR
(U I T-R.G.P.V.)
Bhopal
Design Tool :
CATIA V5



STUDENT'S CORNER

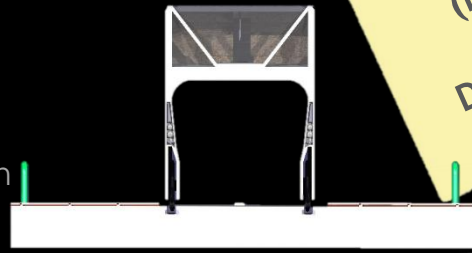


By :
Murtaza
(C.D.G.I-
INDORE)
Design Tool :
CATIA V5



By :
Ankit Mandal
(R.K.D.F.)
Bhopal)
Design Tool :
CATIA V5

More info about training:
Toll Free # 18001234011
E-mail : training@dauto.co.in



**CONNECT
THROUGH**



visit us at www.dauto.co.in

Thanks for reading..