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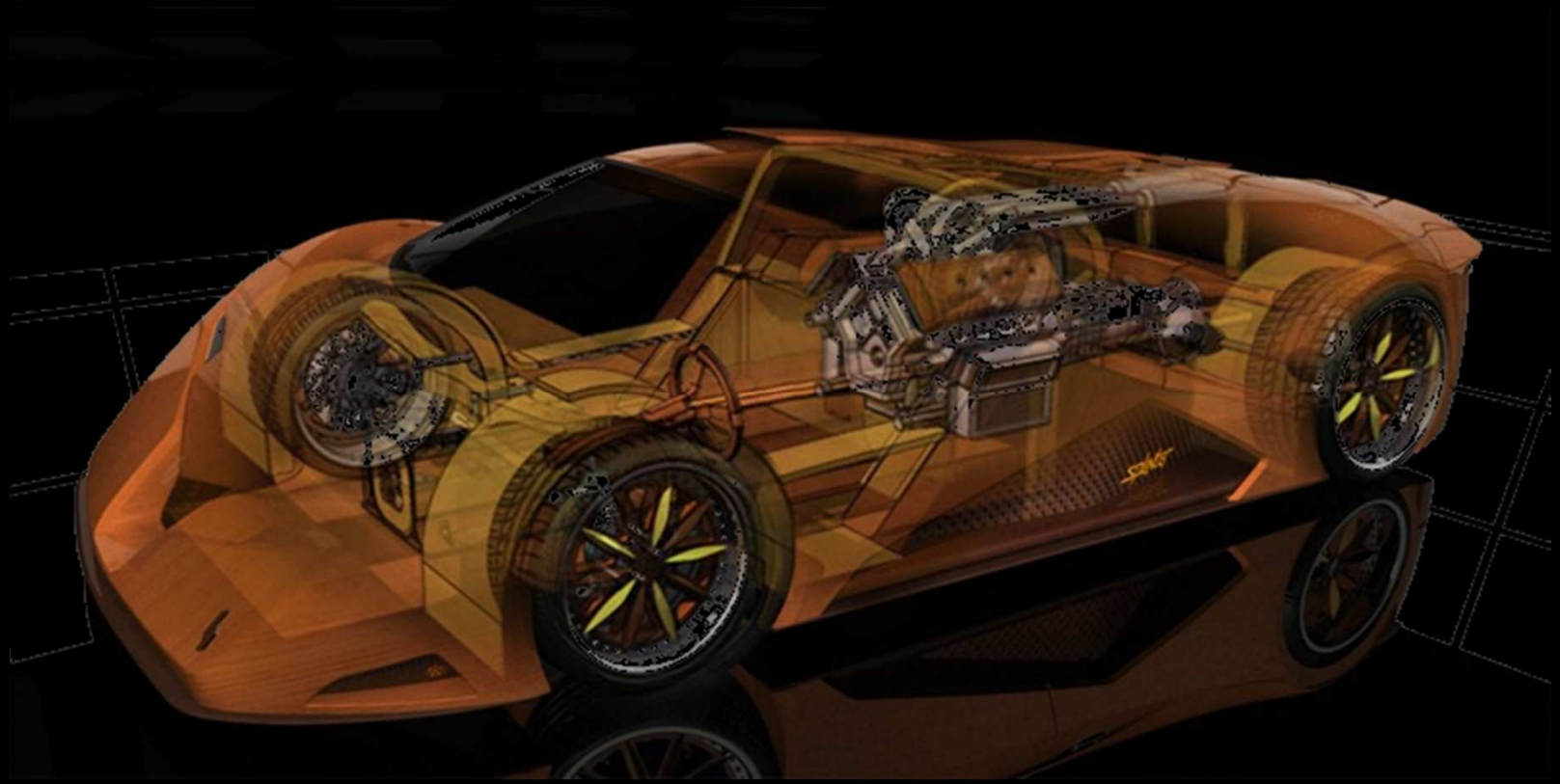
December 2012 Edition

DAuto News Letter



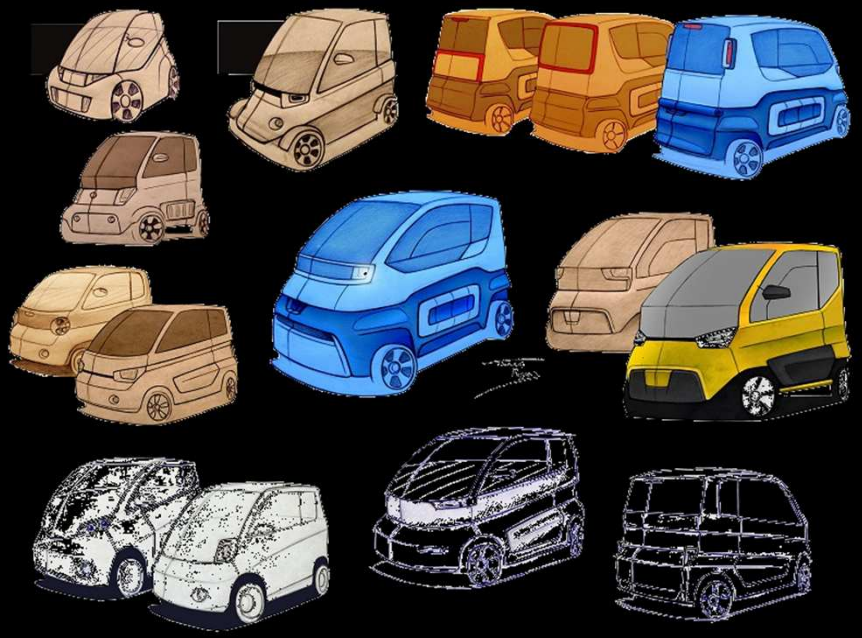
Design engineers turn designs into reality. Without them, a great idea but nothing more than, well, a great idea.

PROJECT D3

Project D3 is a study of an electric city car designed to be driven by paraplegics and tetraplegics directly from their wheelchair. The authors are Thanos Pappas and Konstantinos Malandrinos from Greece.

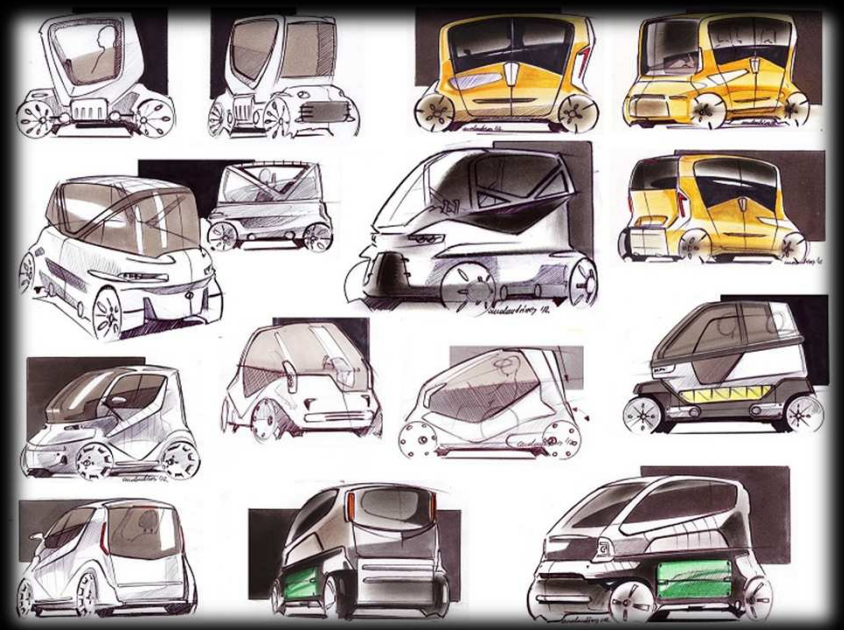
The vehicle has a unique suspension system designed by Korres Engineering that gives the vehicle a balanced ride. It can also adjust the riding height so that the back can lower to the ground (or to sidewalk level) which turns the vehicle's floor into a ramp.

PROJECT D3



The driving controls could be a joystick system for tetraplegics, but there will also be other versions with handlebar for paraplegics.

Compared to other vehicles in this class, the D3 can accommodate one more passenger, which is really important as a many tetraplegics need a personal assistant with them all the time.



BMW i3 CONCEPT COUPE

At the 2012 Los Angeles Auto Show BMW has revealed the i3 Concept Coupe, a three-door version of the i3 Concept that marks another step towards the launch of the BMW i electric vehicles.

The three-door model adopts the same design idiom created for the BMW i sub-brand, aimed at conveying a sense of dynamism and driving pleasure.

The transparent surfaces of the side doors have been replaced by more conventional panels, which underlines the production-ready nature of the concept as well as its aerodynamic properties.

BMW i3 CONCEPT COUPE

Like the BMW i3 Concept, the Coupe is powered by an electric motor delivering a maximum output of 125 kW/170 hp and peak torque of 250 Newton metres (184 lb-ft), and coupled with a single-speed transmission driving the rear wheels.

The unit is fed by lithium-ion storage cells under the floor. Positioning the battery units here has the effect of lowering the centre of gravity considerably, which further adds to the vehicle's sensationally agile handling.

The LifeDrive architecture translates into a horizontally split construction consisting of two self-contained elements.

GM VOLT SQUAD CONCEPT

General Motors' entry for the LA Design Challenge 2012 is the Volt Squad, a three vehicle fleet based on the Volt electronic and propulsion system.

The line-up is composed by a flying single seater vehicle based on the "OBSERVE" concept for maximum flexibility;

A compact car designed around the idea of "ENGAGE" and a high-performance, aerodynamic vehicle based on the "PURSUE" motto.

2012 KIA PRO_CEE'D

A design gallery of the 2012 pro_cee'd, the second-generation hatchback model presented by Kia at the 2012 Paris Motor Show.

Compared to the previous generation model, the design has been completely renewed and incorporated the company's new face as well as a number of elements enhancing the dynamic character of the car. Among these is the wedge-shaped silhouette, with a rising belt line, and more dynamic DLO graphics.

PORSCHE UNVEILS THE NEW CAYMAN

Presented at the 2012 Los Angeles Auto Show, the third generation Cayman features a revised exterior and a re-engineered architecture.

It is lower and longer, with wider tracks and larger wheels enhancing the driving performances. The proportions are defined by the extended wheelbase, the windscreen which is shifted forward, the shorter overhangs and 18- and 19-inch diameter wheels with larger rolling .

The lightweight body has a aluminum and steel mixed material design, and combined with other weight savings, allowed for a total mass reduction of 30 kg.

HENNESSEY PREVIEW THE 2013 VENOM GT2

According to the Texas-based manufacturer, the GT2 will achieve a total output of 1,500 HP (compared to the 1,200 of the GT), and the new double-bubble roof in combination with the other aerodynamic improvements allow to reduce the cD from 0.44 to 0.42. The starting price is expected to be over $1.2 million.

Texas-based Hennessey Performance has released a set of renderings that preview the Venom GT2, the updated version of the supercar based on the Lotus Elise.

MERCEDES-BENZ PREVIEWS AROCS CONSTRUCTION TRUCK

All the engines have been designed to meet the future Euro VI emissions standard. The Arocs has seven cabs available in 14 different versions.

The Arocs line-up will include a wide range of vehicles, including dump trucks, all-wheel drive dump trucks, concrete mixers, tractor units and drop-side chassis vehicles, available as two, three and four-axle vehicles with 16 output variants from 175 kW (238 hp) to 460 kW (625 hp).

As supplements to the compact 2.3 m cabs in L, M or S versions, the new Arocs can also be fitted with spacious 2.5 m variants with a level cab floor.

The Arocs will be officially presented at the Bauma trade fair in April 2013.

MAZZANTI EVANTRA V8

The car is powered by a mid-mounted 7.0 liter V8 engine delivering 701 hp and 848 Nm, coupled with a robotized six-speed transmission.

The main performances are a 0-100 km/h sprint in 3.2 seconds and a top speed of 350 km/h.

The new approach is also witnessed in the keen-edged design of the headlamps and detailing in the arrangement of the LED daytime running lights. The body is primarily made from carbon fiber and its aerodynamics The new Toyota “face” includes a stronger treatment of the lower grille and a smaller upper grille extending the full width between the headlamp units.

MAZZANTI EVANTRA V8

The lower grille forms a large trapezoidal opening in the front bumper, the bumper itself has a hard wearing finish which flows from its corners to surround the entire base of the vehicle, including the wheel arches.

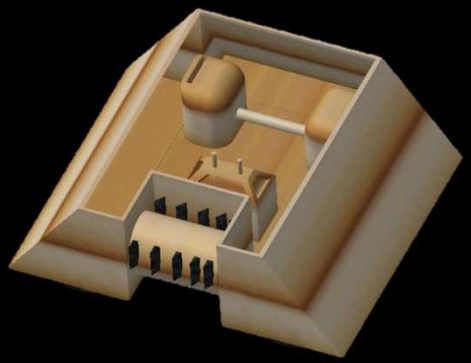
This provides a degree of off-road protection as well as further emphasizing the vehicle's muscular posture.

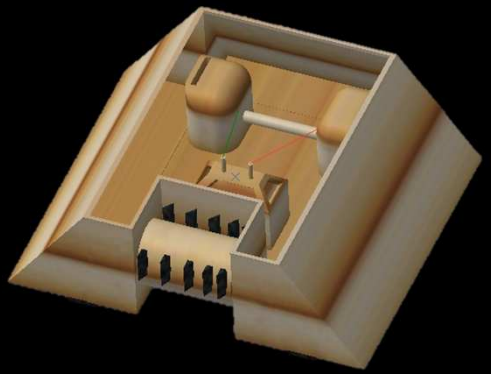
STUDENT'S CORNER

News from DAuto Family

This Telephone has been prepared and envisioned by Bharat Goyal student of DAuto CAD School during the period of Software Training on CATIA V5.

News from DAuto Family

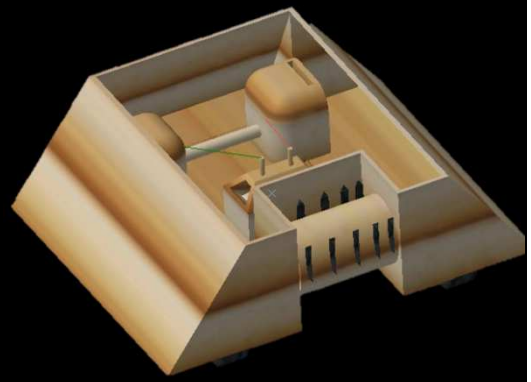


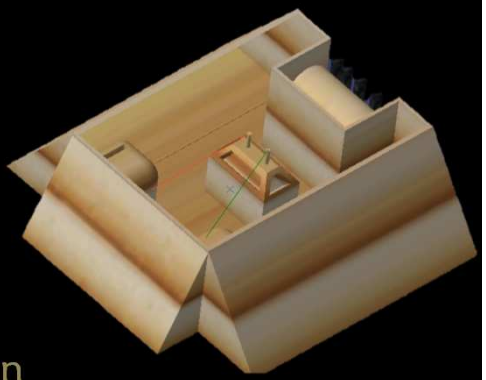


Major Projects :
Awaiting for those who wants to handle real life projects for doing something beyond the crowd.

New Training Session:
Pre-registration is open for reserving the seats, hurry for advance courseware.

Drone Robot
Designed
by
Vishal Singh
Student
of
DAuto
On
CATIA V5





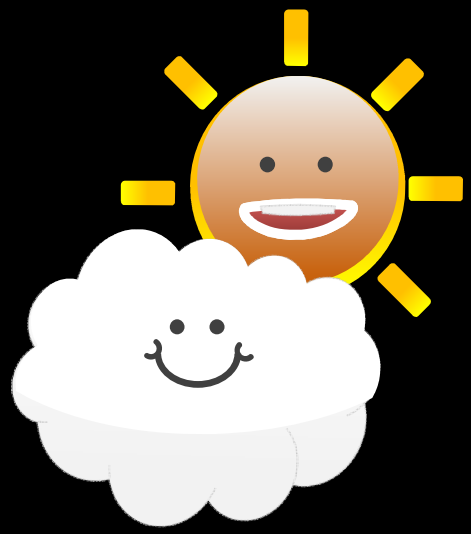
For more info.9752006008/ 9981500100 E-mail us at: training@dauto.co.in

Warm Wishes From DAuto

Sincerest thoughts and best wishes for a
delightful holidays of Christmas……

May the good times and treasures of
the present become the golden memories of tomorrow
Wish you lots of affection happiness and bliss,

Happy New Year……



Thank You ! !

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