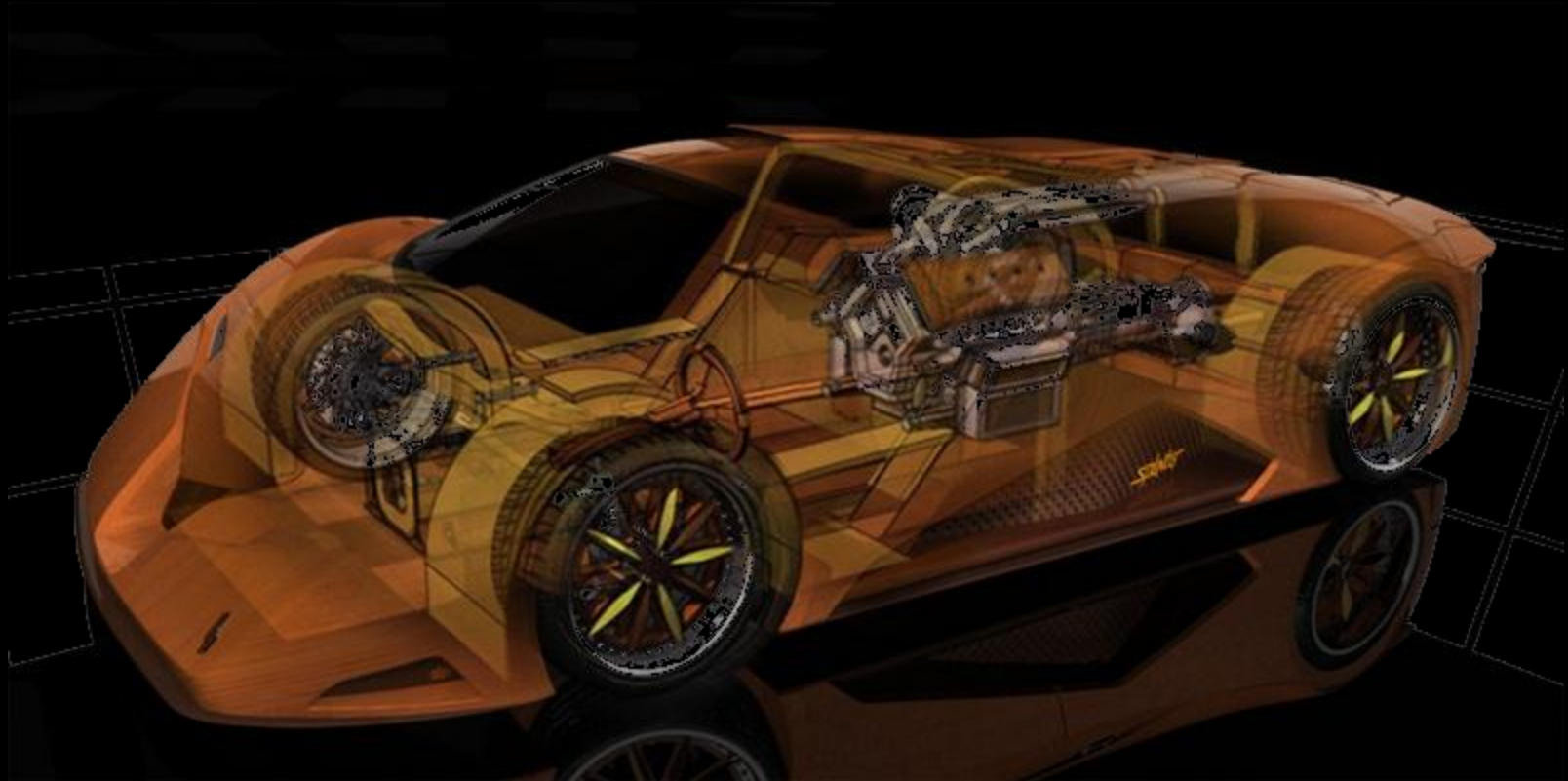


October 2011 Edition

DAuto News Letter



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

Bugatti 16c Galibier

Images of the stunning new Bugatti 16c Galibier concept have been given generous, glossy coverage by the world's automotive press in recent months.



Introduced as the automaker's first modern four-door sedan, the 16C Galibier Concept is a close look at what the production 16C Galibier will resemble when it goes on sale in about three years (with a sales price estimated to be about \$1.6 million). While it's engineered to be a sedan without peers – and we have no reason to question Bugatti's ability to accomplish this objective – the mechanical aspects of the Galibier will have to take a back seat to its design until the production model arrives in 2012



Bugatti 16c Galibier

The most controversial styling of the 16C Galibier is found in the rear. the additional sculptural detailing in the Bugatti – including a prominent taper as the "spine" drops below the beltline – differentiates the two quite smartly in the flesh. Eight individual polished exhaust pipes, and tail lamps as hypnotizing as the headlamps, incontestably define the Galibier as the prize horse at the show.



four bucket seats – each with an artfully sculpted aluminum headrest support. Primary analog instrumentation (speedometer and horsepower gauge) prominently occupy the center of the dashboard for all passengers to see. Secondary digital instrumentation is contained on a large display set behind the steering wheel. It continues into the rear passenger compartment where it mimics a flying buttress – open at the bottom. It is both functional, and elegant.

Process of making a Windshield

Windshield manufacturing process comprises use of two components: Float Glass and Polyvinyl Butyral (PVB) Interlayer. These are combined together to make a windshield in a process called laminating. PVB bought in large rolls go to multistage process before getting combined with float glass & placed into furnace. Here, a processing line is used for manipulating PVB into:

Desired shapes, thicknesses and curvatures

To cut it

Stack it with sheets of float glass

After this, the PVB is cut into individual sheets at an angle from 0 to 25 degrees so as to accommodate different shapes of car models. This process also reduces amount of waste. The steps that form part of the manufacturing process include:

1

Raw Material Inspection

2

Glass Cutting



3

Glass Grinding



4

Washing of Glass



5

Bending of Glass

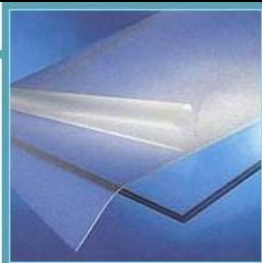


6

Bending Inspection

7

Pre - Lamination of Glass



8

Lamination of Glass



9

Vacuuming

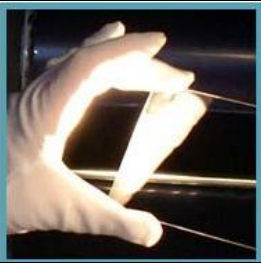
10

Autoclave of Glass



11

Final Inspection



12

Packing of Glass



13

Dispatch

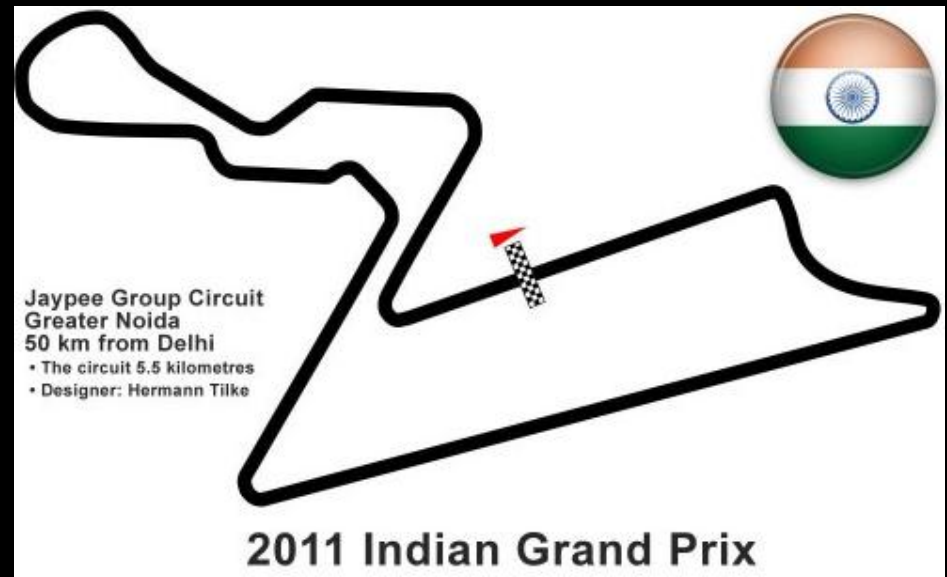
F1 comes to India

F1 Boss Ecclestone has confirmed that if FIA decides at the world Motor Sport council meeting on June 3 that it is safe for F1 to go to Bahrain then Bahrain Grand Prix would be given dates currently assigned to Indian Grand Prix (28th to 30 Oct) and Indian Grand Prix would have to be moved to 11th December 2011.

Initially the postponed date was December 4th but F1 officials say that it would be impossible to move F1 infrastructure to India in just one week time from Brazil. So it looks like 11th December would be grand finale of Formula 1 season 2011.



F1 comes to India



As far as India is concerned, it can turn out to be great news because

- Hosting F1 season Grand Finale would be a special event and would have more importance than hosting any other race of the season.
- IT will give some more time to Indian GP officials to prepare for the race.



This contrive has been prepared and envisioned by one of the DAuto CAD School student during the period of Software Training on CATIA V5

Good News :

(OPENING AT DAuto)

DAuto Company has openings for the post of design Engineer, preference would be made for DAuto CAD School Students, Eligible candidates may send their Curriculum Vitae at :

careers@dauto.co.in

(LIVE PROJECTS WITH STIPEND)

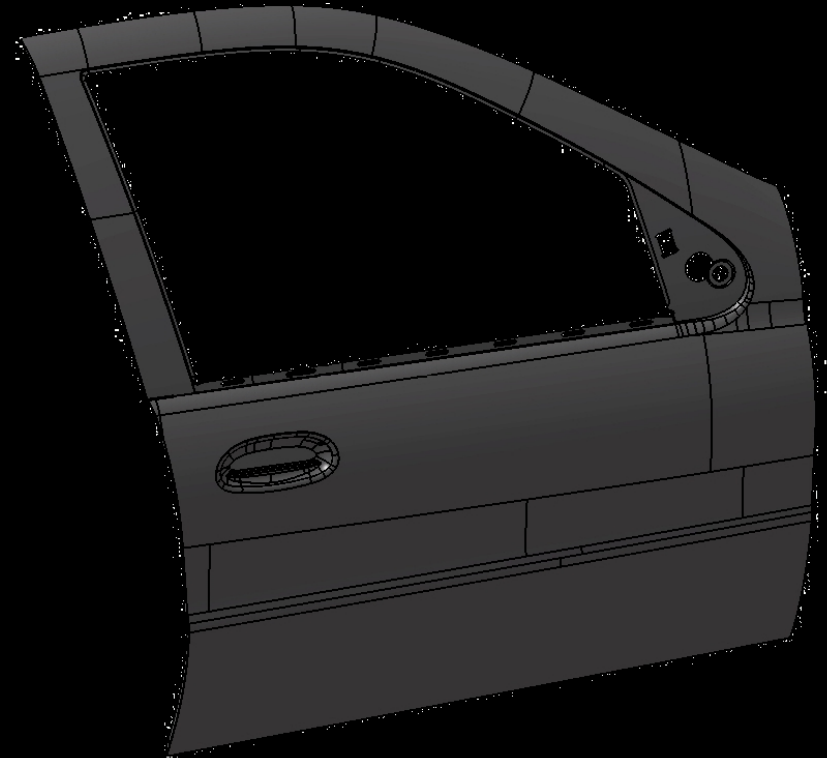
DAuto initiated to provide live projects with stipend, it will be helpful for students in their hands-on experience and future building as well.

Design Courses on maximum Discount for students:

Being a student is good to grab the chance to get discount on CATIA V5 and Unigraphics NX to make a career in design and development.

For More Info : 9752006008/ 9981500100

training@dauto.co.in



Designed on CATIA V5

Thank You !!