

2015

DAuto Newsletter

OCTOBER EDITION



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

NISSAN TEATRO FOR DAYZ CONCEPT IS THE CAR FOR DIGITAL NATIVES

Teatro for Dayz is a provocative design study that envision a vehicle for the generation of digital natives, that has shown little interest in cars so far.

Set to be unveiled at the 2015 Tokyo Motor Show, Teatro for Dayz is based on the idea of a clean canvas for self-expression and sharing – two key aspects in the lives of digital natives.

Onboard systems like the air conditioning and audio are controlled through voice control and motion sensors.



The smooth white interior – the key feature of the car – consists of just solid seats, a steering wheel and two pedals. Every surface is fitted with digital displays to enhance and customize the entire look of the vehicle.



Teatro for Dayz's simple, square design maximizes possibilities for communicating and sharing, both inside and out. The wide, open interior provides the perfect space for friends to gather, while the plain exterior features LED screens that enable further self-expression. Overall, the unusually simple exterior design creates a compact and grounded impression, with cleanly rounded roof and bumpers, wheels extended to the outer corners and radically short front and rear overhangs

NISSAN TEATRO FOR DAYZ CONCEPT IS THE CAR FOR DIGITAL NATIVES

According to Nissan's Product Planning General Manager Hidemi Sasaki, "The generation now getting their first driver's licenses has always been connected through digital devices, email, social media and so forth. What moves these digital natives is capturing experiences in photos and videos and sharing them. Friends respond with 'likes' and share the experience further. What's important is not whether something is experienced personally or virtually. What matters is the process of sharing."

Like the interior, the outer panels are outfitted with LED screens that enable further self-expression. Any experience in or around the car can be shared instantly via an onboard camera.



The **exterior** is inspired by the look of modern digital devices, and while integrating some signature elements like the V motion grill and headlamps, it leaves out many usual components, such as those that express speed, power, aggressiveness, which are not expected to resonate with the target audience.

SSANGYONG XAV-ADVENTURE CONCEPT

SsangYong's XAV-Adventure Concept is a compact SUV that reinterprets the design of the current Korando model.

The look of the XAV Adventure Concept is characterized by chunky proportions and a masculine body, inspired by traditional 4x4 trucks, and express a sense of strength, robustness while at the same time offering a spacious, square and useable interior, specifically created for customers who need to transport sports equipment.



The design of the interior is simple and practical. A storage compartment in the rear door enables the loading of all those extra items needed for a leisure activity trip.

Together with **Tivoli**, these new vehicles, designed to meet the needs of the more active younger generation, give a clear indication on the brand's future styling language.

SSANGYONG XAV-ADVENTURE CONCEPT



The vehicle is offered with the choice of 1.6 liter diesel and 1.6 liter petrol engines and is also equipped with a hybrid electric E-4WD system.

Technical Specifications

- Overall length mm 4,190
- Overall width mm 1,880
- Overall height mm 1,650
- Wheelbase mm 2,600



The inner element of the carbon roof is a convertible canvas roof, and affords a wide-opening space that draws you closer to the natural surroundings while providing the pleasure of 'open top' motoring. Trims feature a blend of black and natural brown.

INFINITI ESTABLISHES FOURTH GLOBAL DESIGN STUDIO IN SAN DIEGO

Infiniti has announced the launch of Infiniti Design San Diego (IDSD), the fourth studio in Infiniti's global design network.

The San Diego studio completes the company's global initiative to create dedicated design studios to reinforce the distinctiveness of the brand's design DNA, and joins the Global Design Center in Atsugi, Japan, and the studios in London and Beijing.



Infiniti Design San Diego shares infrastructure with Nissan Design America (NDA), where the studio is located.



Said **Shiro Nakamura**, chief creative officer and senior vice president, Nissan Motor Co., Ltd.:-

"With the addition of Infiniti Design San Diego, we now have Infiniti-dedicated design professionals in three leading premium brand markets – North America, Europe and China – as well as the design home base in Japan,"

While design support resources such as clay and digital modeling are also shared, creative work is done in the space exclusively reserved and appointed for the independent Infiniti team.

INFINITI ESTABLISHES FOURTH GLOBAL DESIGN STUDIO IN SAN DIEGO

Led by Infiniti Executive Design Director **Alfonso Albaisa**, who spent many years at NDA prior to assignments in London and Atsugi, Infiniti Design takes a highly collaborative approach in the creation of production and advanced concept vehicles, with all four global studios contributing to exterior and interior design assignments.



Infiniti has revealed an aggressive new product portfolio expansion based on a series of acclaimed concept cars that had been introduced in the last two years: Q30 Concept, Q60 Concept and QX30 Concept. The Q30 production version, which marks the global entry into the compact segment, was debuted at the Frankfurt Motor show last week, and goes on sale in Europe towards the end of the year with other markets, including North America, following in mid-2016. The all-new Infiniti Q30 marks Infiniti's first-ever.

BUGATTI VISION GRAN TURISMO DESIGN RENDERINGS REVEALED

The Bugatti Vision Gran Turismo made for the namesake Playstation video game has been revealed ahead of its public debut at the Frankfurt Motor Show.

Inspired by the French brand's racing success in the 1920s and 1930s, this "virtual project" will be transformed into tangible show car for the Frankfurt event.

The car's design is heavily based on the Veyron, but could actually preview some design language that may be used on the new Chiron, the brand's upcoming \$2.5-million supercar. Covered in the historic French racing blue color, the digital design renderings are based on precise aerodynamic research and real racing technology.

The Vision GT's design begins with Bugatti's signature horseshoe grille and is flanked by eight-eyed headlights. The center fin is also a nod to design elements from the iconic Type 57 Atlantic.

"In the Bugatti Veyron, we have developed a super sports car which unites two characteristics, the beauty and the beast," said Achim Anscheidt, the head of Bugatti Design, in a press release. "The Bugatti Vision Gran Turismo embodies the performance beast. It has a more radical and extreme style. This is a thorough-bred Bugatti for the virtual race track, not for the street."



FERRARI F12TDF PAYS HOMAGE TO TOUR DE FRANCE ENDURANCE ROAD RACE

Ferrari has revealed a limited edition lightweight sports car with enhanced performances and technical innovations. It will be built in 799 units.



The F12tdf pays homage to the Tour de France, the endurance road race that Ferrari dominated in the 1950s and '60s, particularly with the 1956 250 GT Berlinetta which won four consecutive editions.

In terms of the formal design language, the objective was to create a sophisticated interaction between the sculptural surfaces of the F12berlinetta and a more graphic treatment of the various new aerodynamic features.



The F12tdf is characterized by several innovations involving the engine, aerodynamics and vehicle dynamics.



A radical redesign of the bodywork, interior, engine, transmission and running gear, along with the extensive use of carbon-fiber, has reduced the car's overall weight by 110 kg.

The F12tdf is powered by the 780 cv, naturally-aspirated V12 derived directly from the F12berlinetta's engine.

FERRARI F12TDF PAYS HOMAGE TO TOUR DE FRANCE ENDURANCE ROAD RACE

In creating the new F12tdf the designers from the Ferrari Styling Centre have revised all of the bodywork panels, from the nose to the tail.

The wider front and rear tracks give the car an even more aggressive stance.



The best testament to this intent is the evolution of the Aerobridge, the design of which is further enhanced by the use of bare carbon-fiber. Developed in such a technical manner, this component combines with the other details in creating a coherent aesthetic approach to the whole car.

The car's sportiness is expressed with the same degree of purity in the deliberately minimalistic cockpit. The wrap-around effect that embraces the driving position is intensified by the use of carbon-fibre housings for the instruments and satellite pods.



Max. speed	in excess of 340 km/h
0-100 km/h	2.9 sec
0-200 km/h	7.9 sec
Fiorano lap time	1'21"

Engine Type	65-degree V12
Overall displacement	6,262 cc

Max. power output*	574 kW (780 cv) at 8,500 rpm
--------------------	------------------------------

Max. torque	705 Nm at 6,750 rpm
-------------	---------------------

Max. engine speed	8,900 rpm (limiter)
-------------------	---------------------

PEUGEOT 2008 DKR16

Peugeot has revealed an evolution of its Dakar Rally car, with a longer, wide and lower body, improved aerodynamics and an upgraded powerplant.

The 2008 DKR16 is longer, wider, lower and more powerful than its predecessor and is characterized by a more aggressive stance.

These replace the aluminium two-piece wheels from last year, with the combination resulting in a significant weight saving.

Other evolutions lie under its carbon skin. The suspension has been redesigned to deal more effectively with the different and rough terrains. It also benefits from better weight distribution, as well as magnesium one-piece wheels for the first time, matched to lighter tires from Michelin.

The front and rear overhangs have been reduced, enhancing the all-terrain capabilities. The aerodynamics has been improved thanks to the revised hood and roof-mounted air-intakes, which now provide more balanced downforce between front and rear. The new air scoop also ensures better airflow.



PEUGEOT 2008 DKR16



The new car has been a continual work in progress, with development work starting as soon as the original car crossed the finish ramp in Buenos Aires just over seven months ago, at the conclusion of this year's Dakar.



Despite the air restrictor, the 3.0-liter V6 twin-turbo diesel engine now has more power and better drivability.



Peugeot's engineers worked in collaboration with Dakar experts Stéphane Peterhansel (an 11-time winner), Carlos Sainz (a two-time world rally champion and also former Dakar winner) as well as Cyril Despres (a five-time Dakar winner on bikes).

2015 TOKYO MOTOR SHOW: TOYOTA S-FR CONCEPT

The Toyota S-FR is a compact sportscar that continues Toyota's tradition of fun-to-drive lightweight sports cars reinterpreting the theme for the current young generation.



The car was conceptualized as the kind of vehicle that attracts its own die-hard fan base, whose members love driving and customizing it.

The simple and modern finish of the interior underlines the vehicle's approachable simplicity while conveying its performance and sporty spirit.



- Length: 3,990 mm
- Width: 1,695 mm
- Height: 1,320 mm
- Wheelbase: 2,480 mm



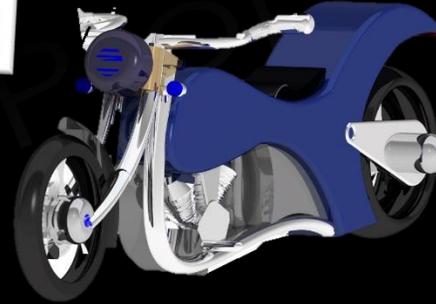
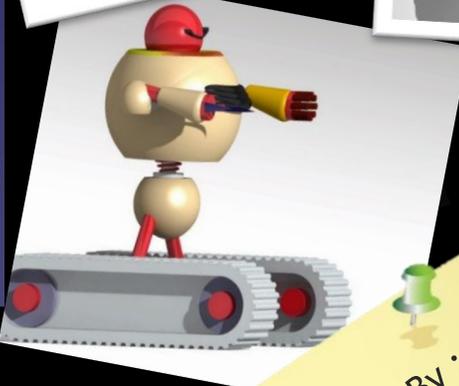
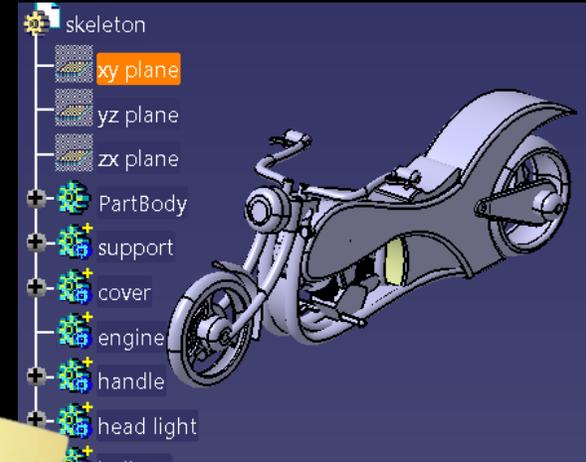
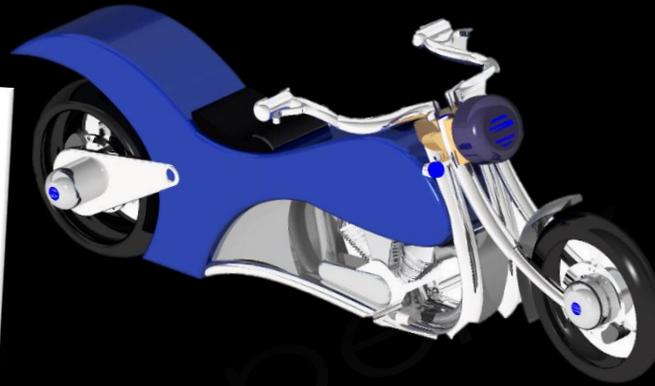
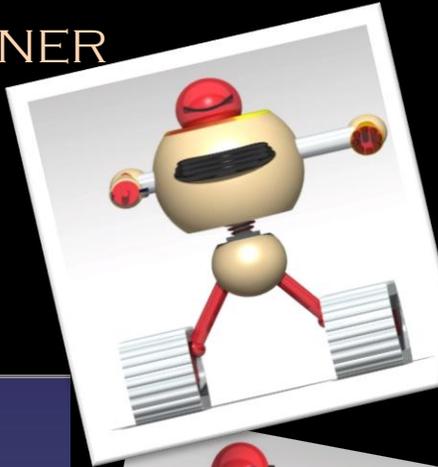
The design is characterized by a long nose and wide stance, combined with a typical sportscar profile,

while the roundness of its frame inspires a feeling of closeness.

Measuring under 4 meters in length, the S-FR was created as an entry-level model, emphasizing responsiveness, and aiming at making a new generation "fall in love with driving."

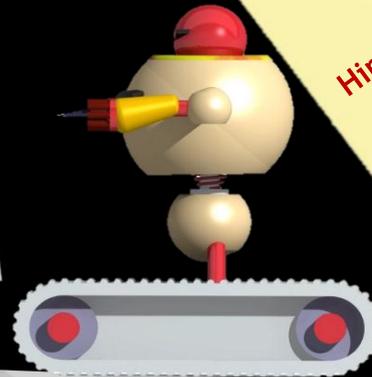
STUDENT'S CORNER

DAuto Training Yield



By :
Farid Ansari
(MITS, Bhopal)
Design Tool :
CATIA V5

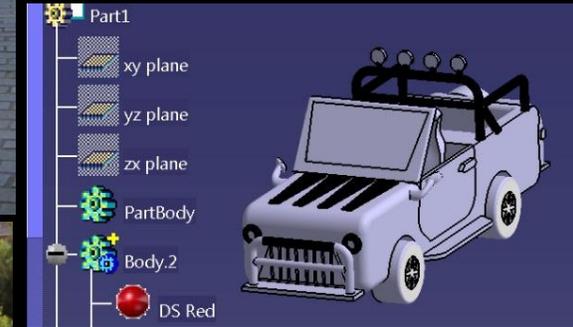
By :
Himanshu Barsaiyan
(LNCT, BHOPAL)
Design Tool :
CATIA V5



STUDENT'S CORNER



DAuto Training Yield



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..