

PRASHANT KHALKHO About Me Destined to become a Designer, I Envision to bring about a Change through my Works. Looking foward to work and become an Intergral part of your Organisation.

Transportation Designer

Nationality - INDIAN

· Languages :-

Hindi (Mother Tongue)

English (Fluent)

CONTACT



7559453363

Timeline

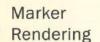
2016-18 M.Des (Transportation Design)

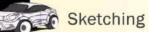
2010-14 • B.Tech (Mechanical)

2010 • HSC/SSC (St.Xavier's School)

01.02.1992 · Born



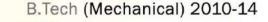














School (St.Xavier's)

2010

Hobbies

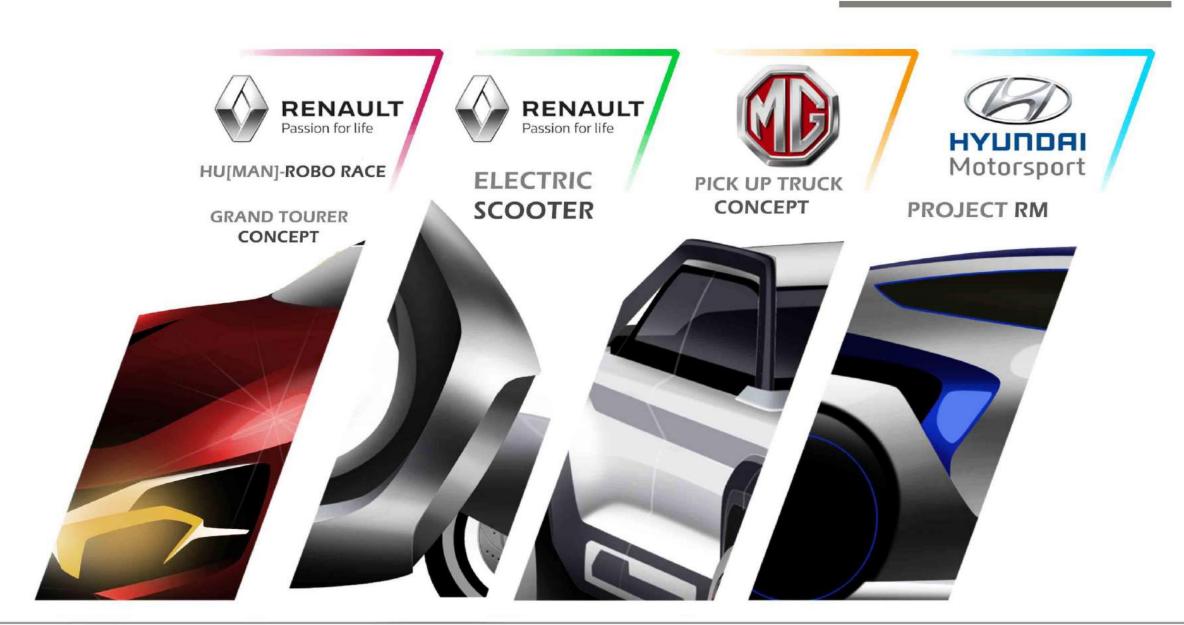


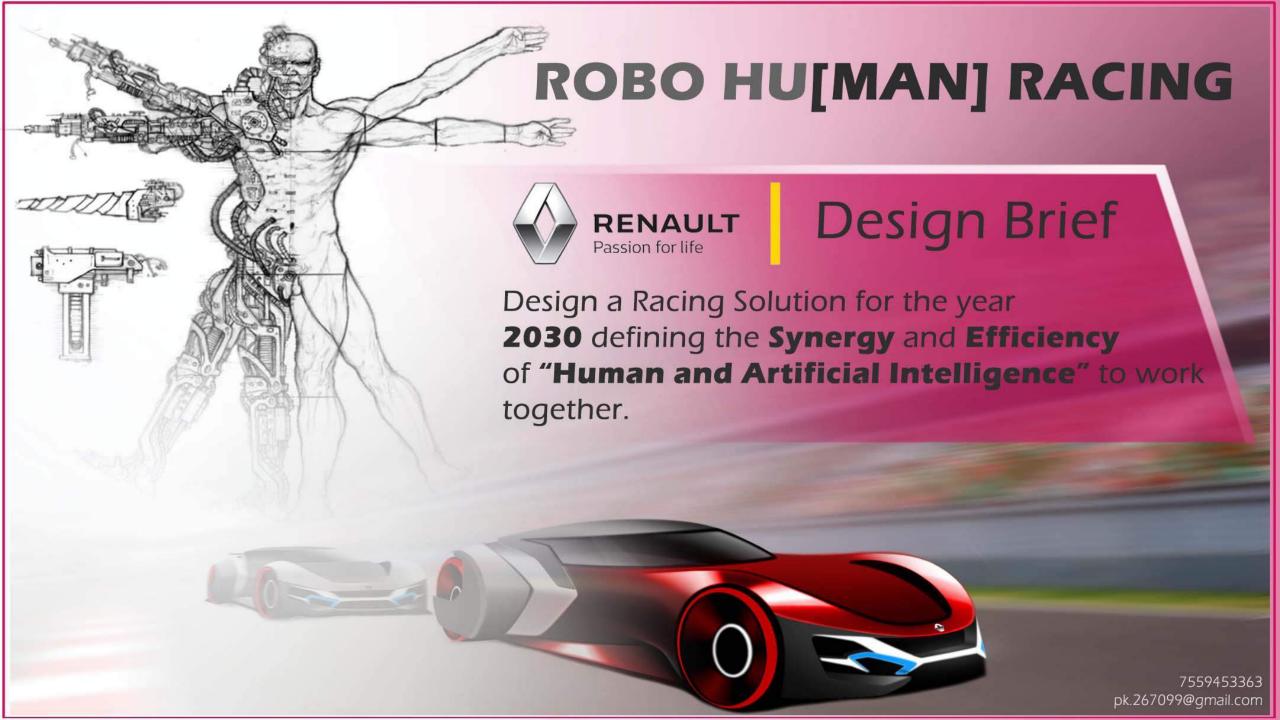
M.Des (Automotive design) 2016-18

The Fundamental SOUL

of a man-made CREATION!

IContents





Research and Analysis



Ra

350 GW Renewable Energy Capacity Rapid Urbanisation

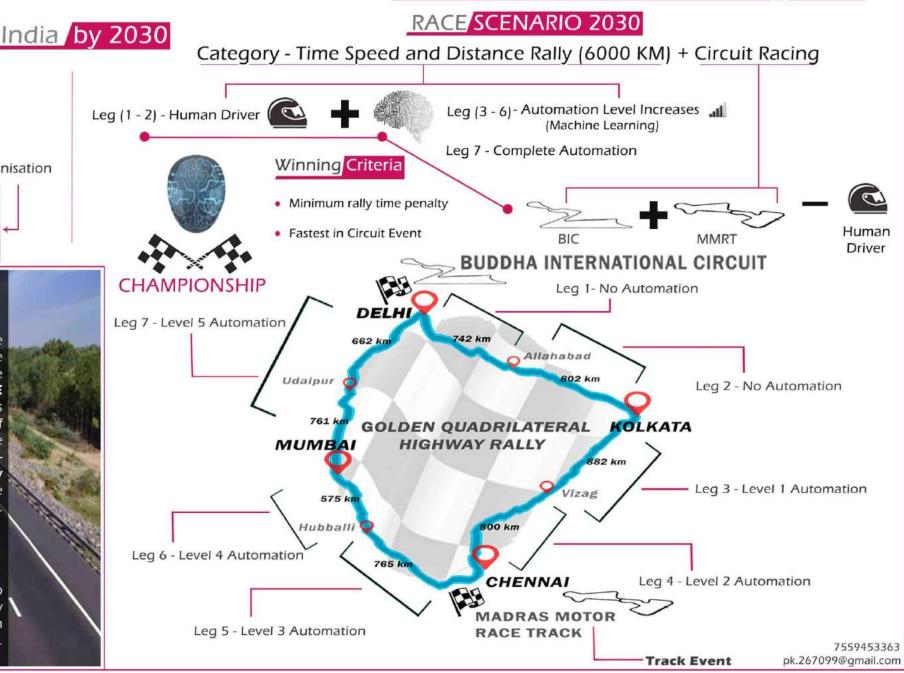


The Scenario

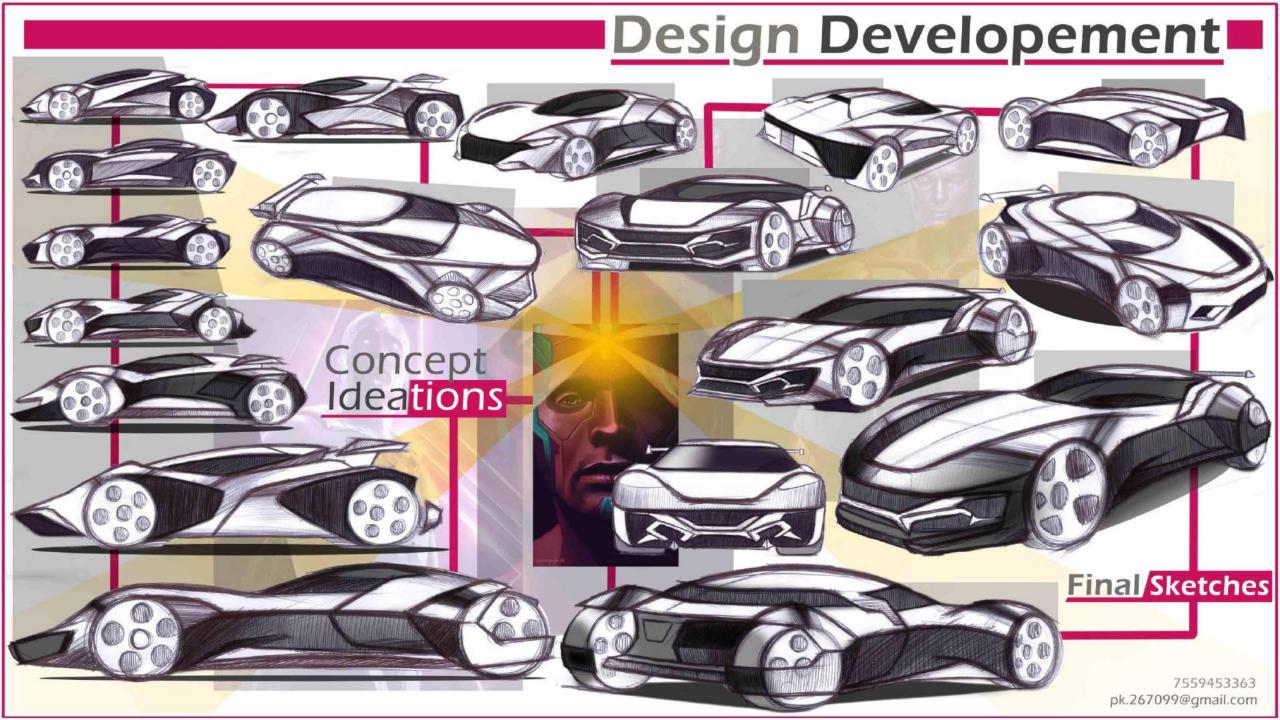
2030 marks the 30th anniversary of the commencement of a visionary project by the Indian Government of connecting the whole of India by a network of Highways (THE GOLDEN QUADRILATERA). The express highway connecting the Four Metro cities of India is of high significance boosting trade and commerce in India. To mark the successful running of the Highway a Grand Rally Championship is organised to showcase the significance of the express way.

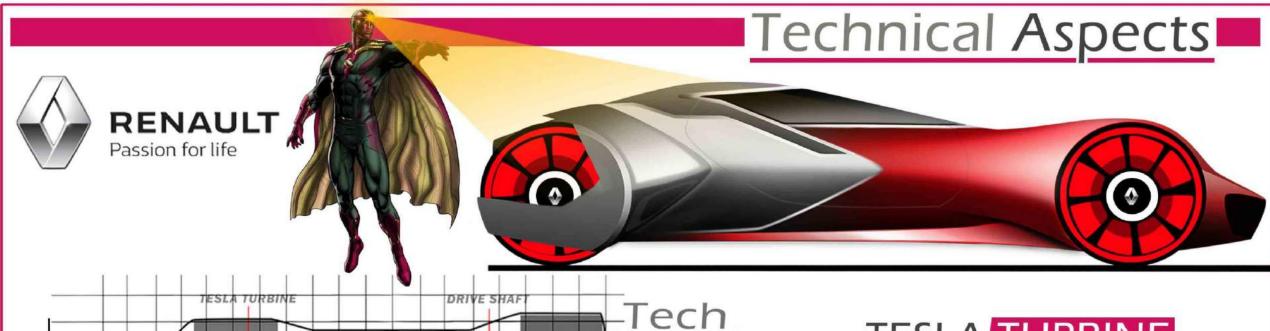


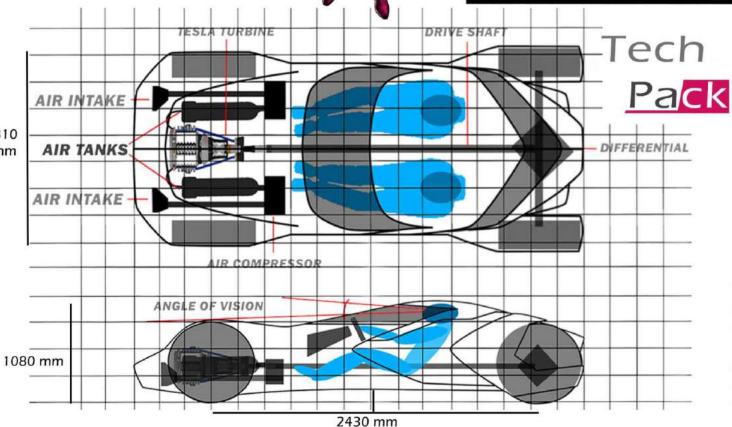
Renault takes up the challenge and comes up with a **Grand Tourer Concept** inspired by the **Marvel Character Vision** to compete in the **Grand Rally championship**.











3130 mm

1810

mm

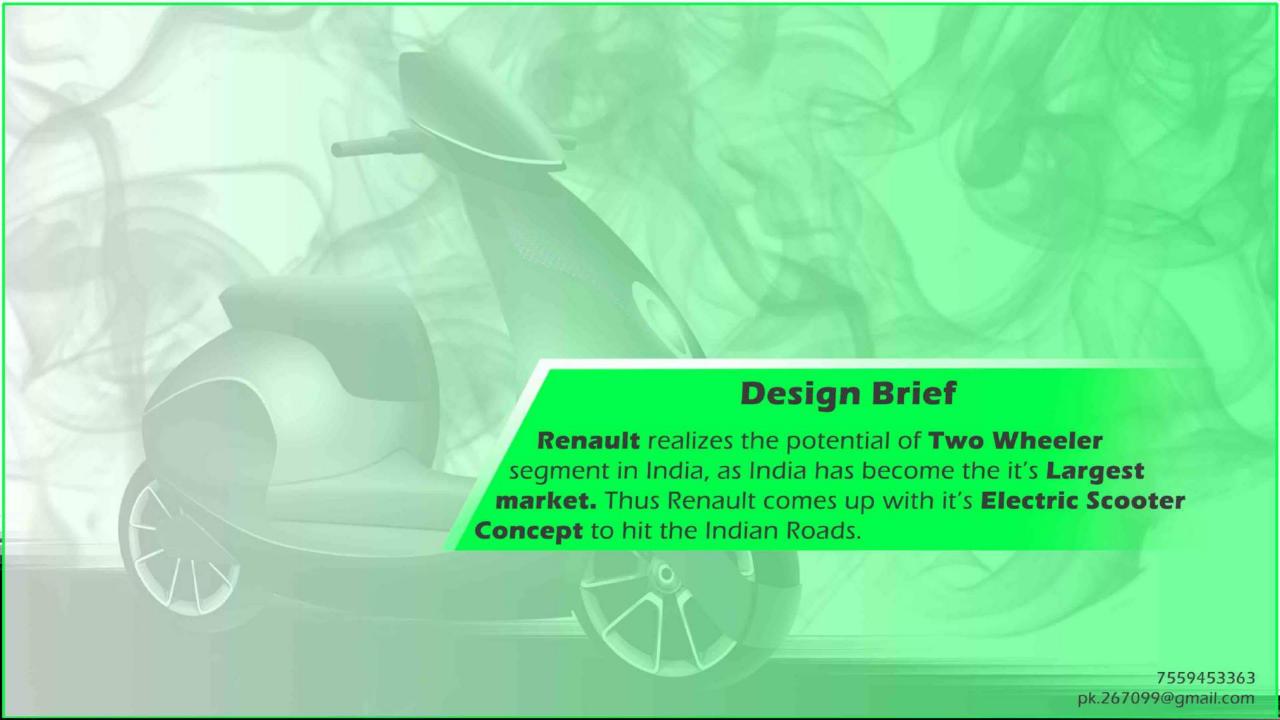
TESLA TURBINE

The Tesla turbine is a bladeless centripetal flow turbine patented by Nikola Tesla in 1913. It is referred to as a bladeless turbine. The Tesla turbine is also known as the boundary layer turbine, cohesion-type turbine, and Prandtl layer turbine (after Ludwig Prandtl) because it uses the boundary layer effect and not a fluid impinging upon the blades as in a conventional turbine. Bioengineering researchers have referred to it as a multiple disk centrifugal pump.

- Average Car 3000-5000 RPM
- Formula 1 18000 20000 RPM
- Tesla Turbine 52000 RPM
- Unlimted Source of Power
- Green Energy
- Light Weight







Research and Analysis



For more than 120 years, Renault has developed automotive solutions that make mobility easy and accessible for customers around the world.

Founders



Renault





Renault

















Renault



Global Warming and Climate Change















One of the Many Solutions



- · Cheap to run
- Low Maintanence
- No Emission
- Environment Friendly













Honda 58.09%





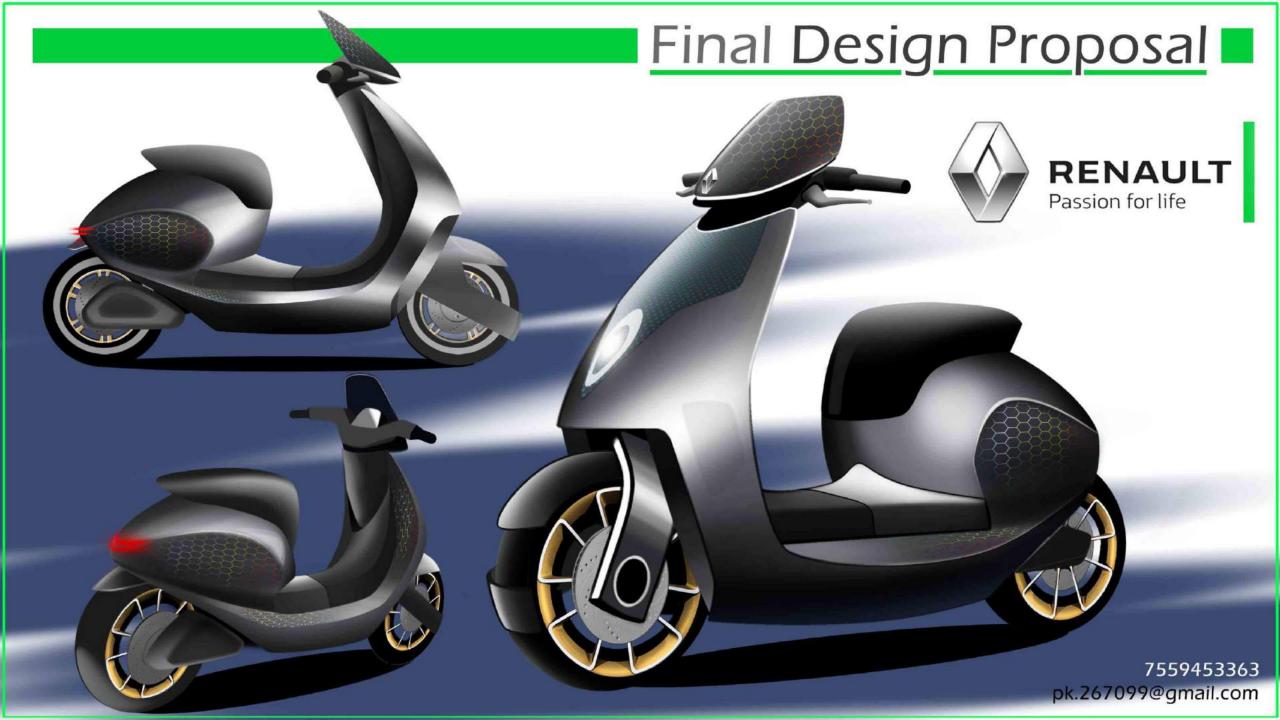
pk.267099@gmail.com



Technical Parameters



1960 mm



Design Brief On Acknowledgeing the potential rise of Pick - Up Truck Market in India in the years to come, Morris Garages plans to steps into the Indian Market by launching a promising Lifestyle Urban Pick-Up Truck. Thus Proving its Mettle as a reliable automobile company. 7559453363 pk.267099@gmail.com



William Richard Morris

The Brand Story

The origin of the brand's name - Morris Garages - can be traced back to 1921 when motor manufacturer William Morris hired Cecil Kimber. The story of MG (Morris Garages) began in 1924 in the UK.



— Cecil Kimber

Founders

Yester years







MG GS



Morris Garges in Recent Times





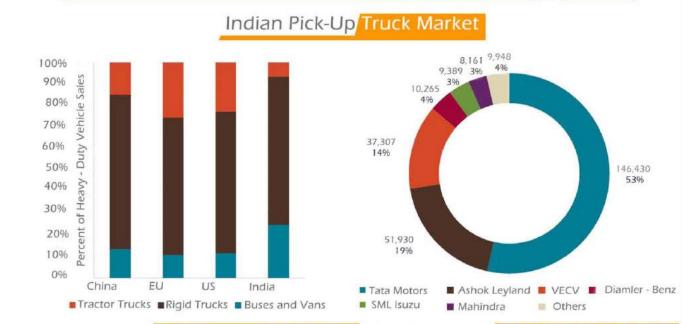


£--2

MG ZS MG E Motion

MG X Motion

Research and Analysis



Sales Breakdown for Commercial Vehicles

Market Share Pick Up truck in India









Imperio

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D-Max

Xenon

Creativity

User Persona











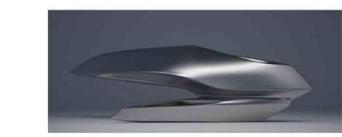




Adventurous



Age -32 Profession - Commercial Pilot







Design Inspiration



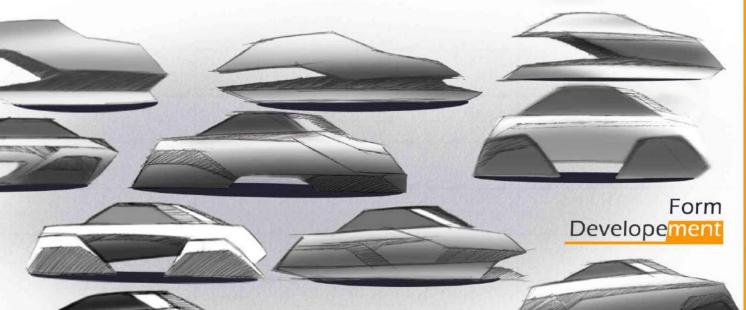
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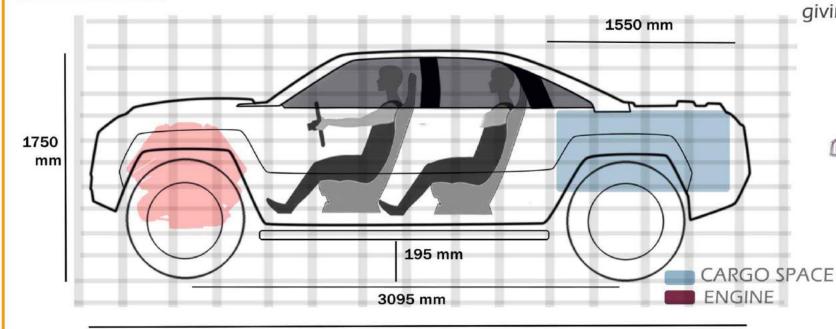


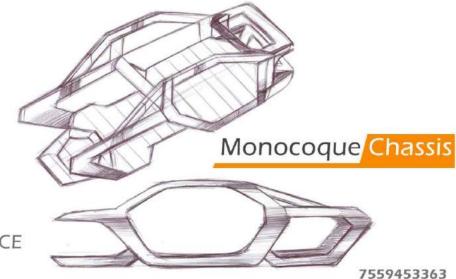
Technical Aspects

Monocoque Chassis Frame

Monocoque frame adds to the rigidity of the vehicle and is light weight in Nature. It is better than the Standard Body - on - Frame Chassis for the Urban Lifestyle customer category over the conventional ladder frame for used The commercial trucks. Chassis is Intentional Exposed on the Exterior completely fresh giving look.







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5250 mm









Design Brief

Project RM (RACING MIDSHIP) launched before Hyundai's High Performance N sub-brand with a goal to go beyond limits of the High-Performance Technologies that will be applied to the future N model. Thus the brief is to design a High Performance Electric Sports Car for the RM Series named RM20.

Research and Analysis

Project Racing Midship

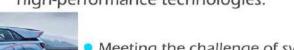
Tech bridge between Motorsports

THE RN30 CONCEPT

and High Performance N Vehicles.

FEELING

 A "rolling lab" for testing the high-performance technologies.



 Meeting the challenge of systematic development of a high-performance technology











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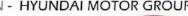
- FOUNDER
- FOUNDED
- HEADQUARTERS
- CEO
- PARENT ORGANIZATION HYUNDAI MOTOR GROUP

HYUNDAI N 2025

VISION GRAN TOURISMO

DIVISIONS

- CHUNG JU YUNG
- DECEMBER 29, 1967
- SEOUL, SOUTH KOREA
- CHUNG MONG-KOO













HYUNDAI MOTORSPORT (WRC)



VELOSTER N

The MISCHIVIOUS DISTRUPTOR







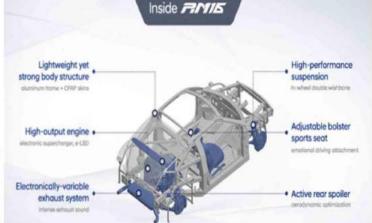


(Fluidic Sculpture 2.0)









The RM 16 new technology, a relentless test to go beyond the limits.

Creativity

User Persona



Karun Chandok Age - 34 Profession - Indian Racing Driver



Design Inspiration







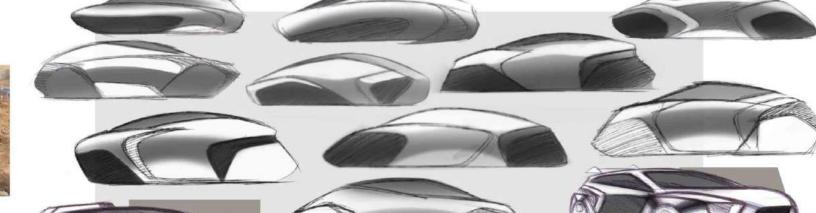












Mood Board



Blistering





Venturous



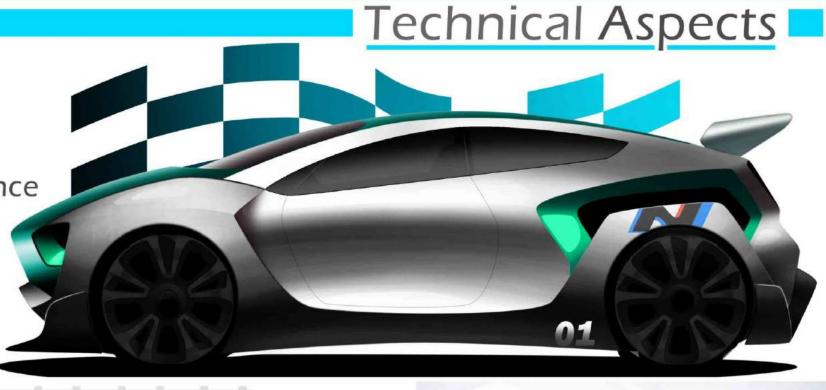
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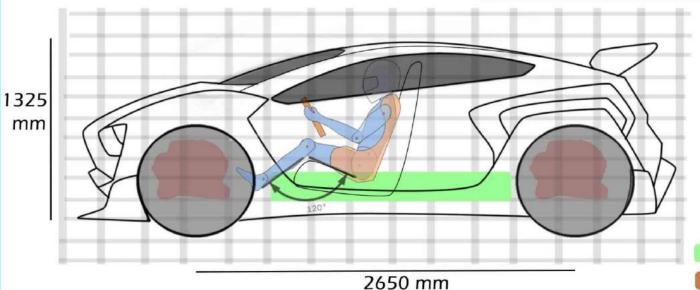


HYUNDAI
Motorsport High Performance

RM 20 Concept

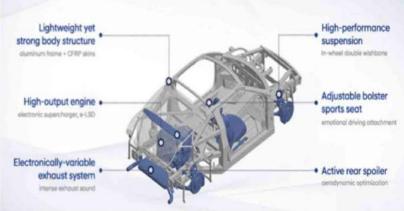
Project Racing Midship





3940 mm

Tech Pack



Battery Pack

High Performance Motors

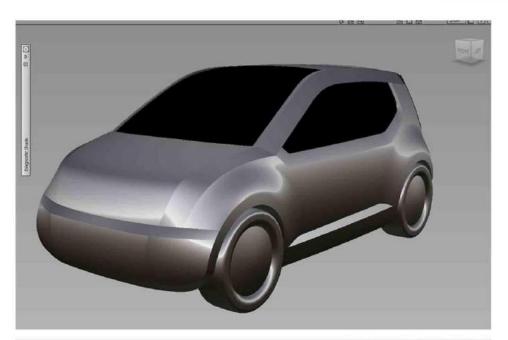
Chassis Design

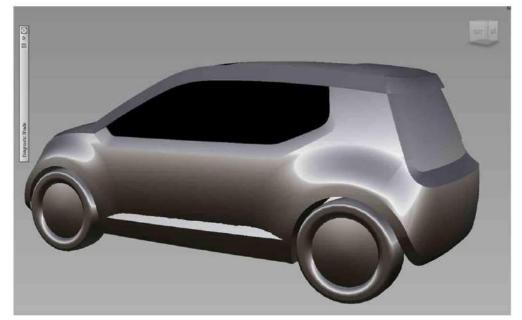
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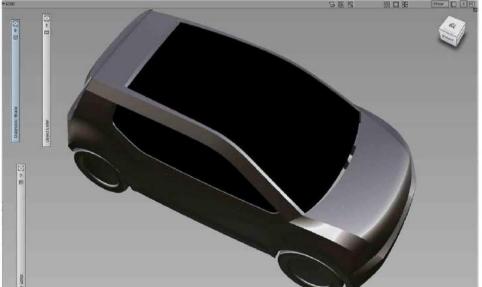


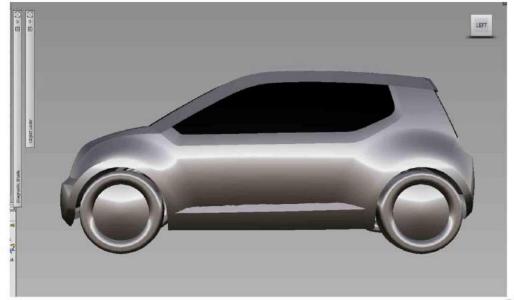


Automotive Alias Skills (CAS)

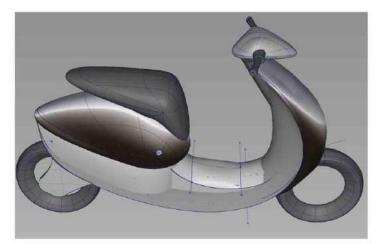






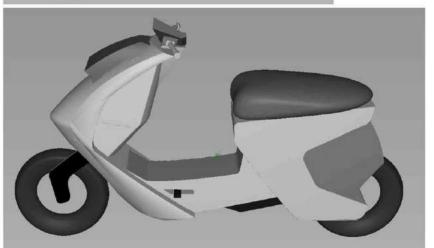


Automotive Alias Skills (CAS)



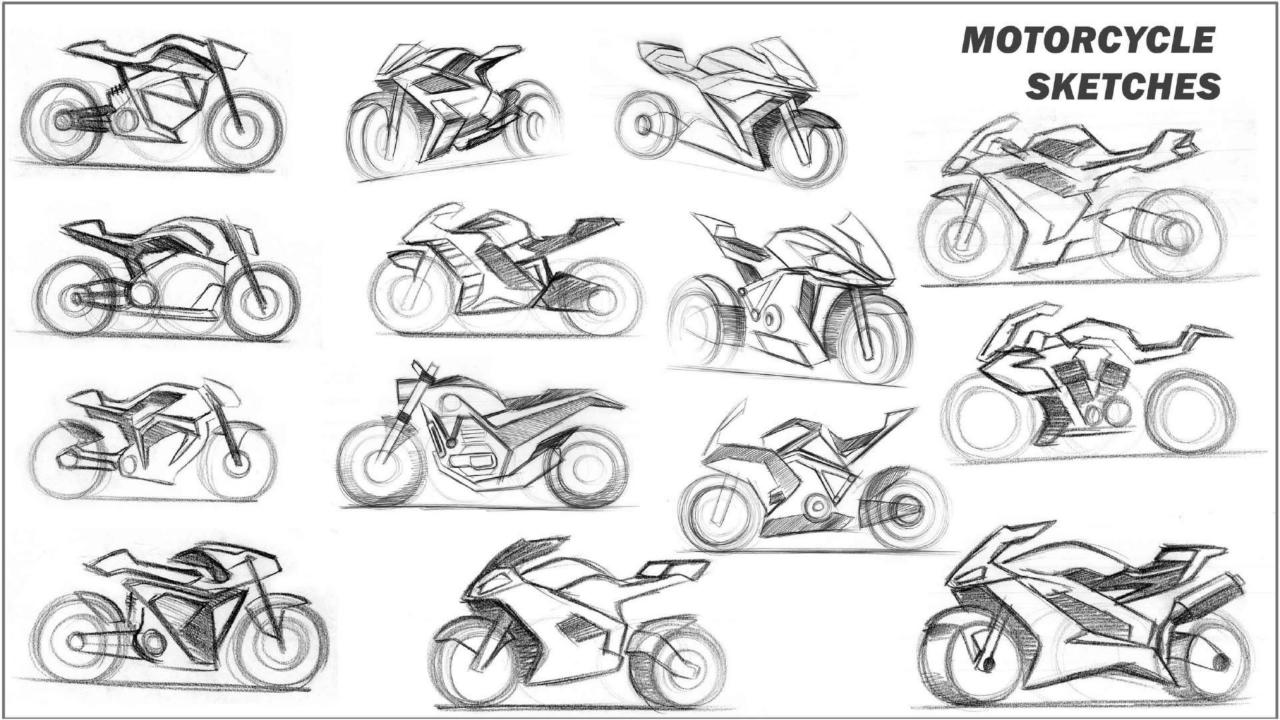


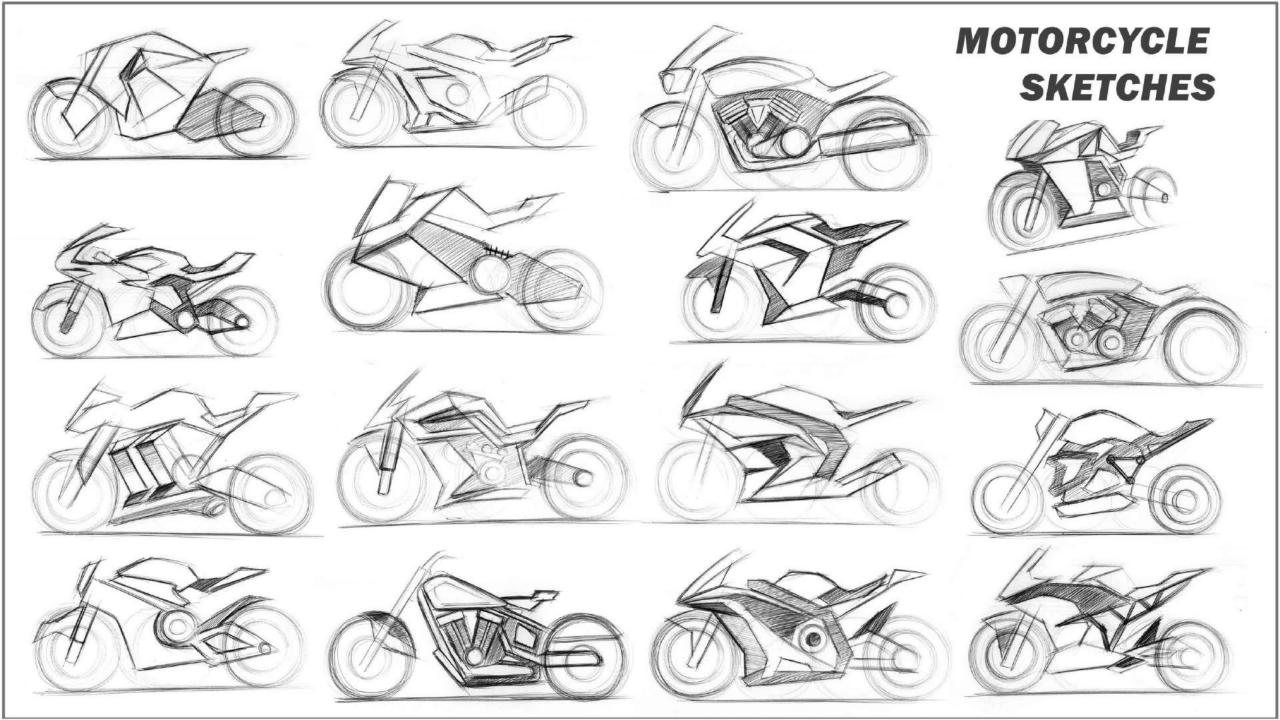












Thank You

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------Mechanical (B.Tech)
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