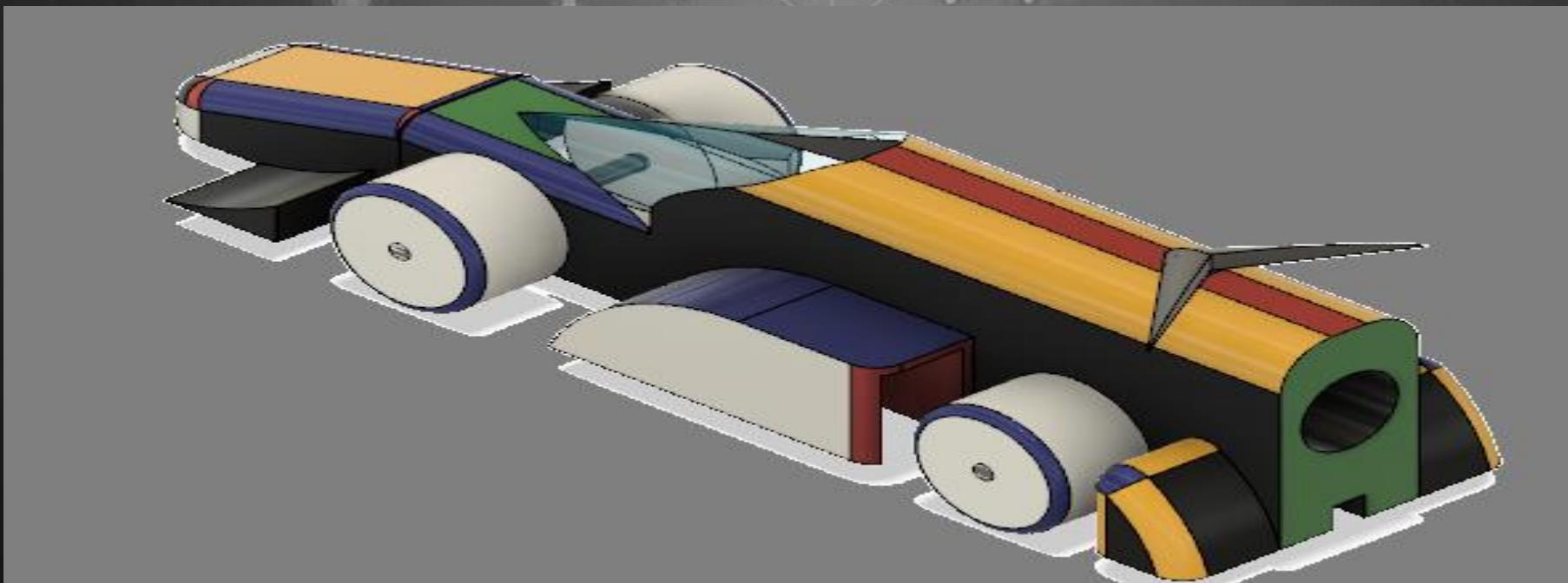


INVINCIBLE RACERS



UNBEATABLE

INDEX

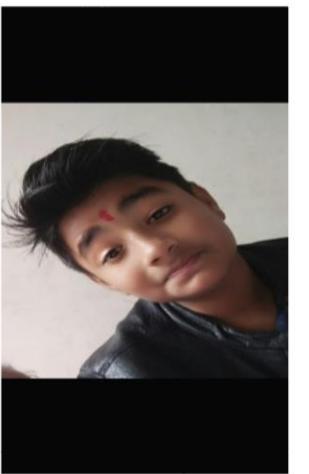
About Team Member

Design concept , Design Work

About the Appearance

About CNC Machine , Testing

ABOUT OUR TEAM



VANSH BAJPAI

TEAM MANAGER OF OUR TEAM



SANSKAR SHUKLA

GRAPHIC DESIGNER



ANAND MOHAN YADAV

MANUFACTURING ENGINEER



ANURAG MOHAN YADAV

DESIGN ENGINEER



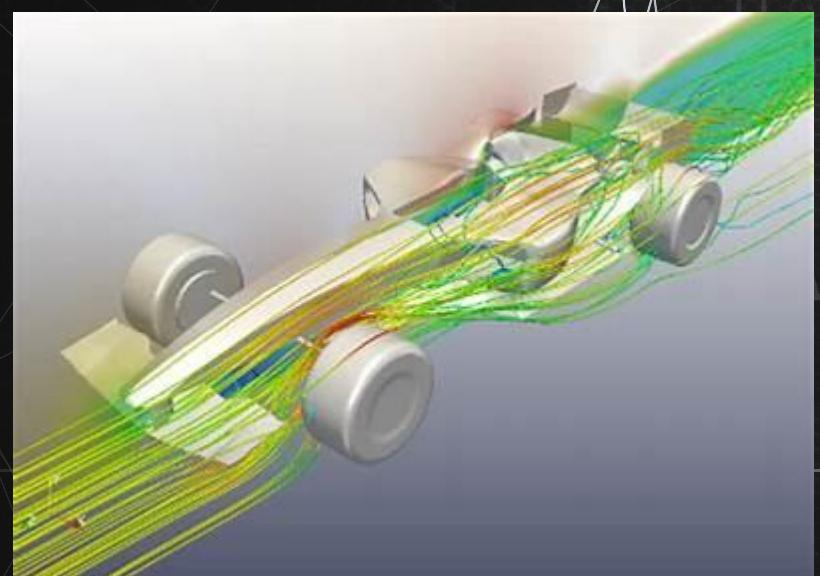
SIDDHARTH SINGH

SPONSORSHIP MANAGER

DESIGN CONCEPT

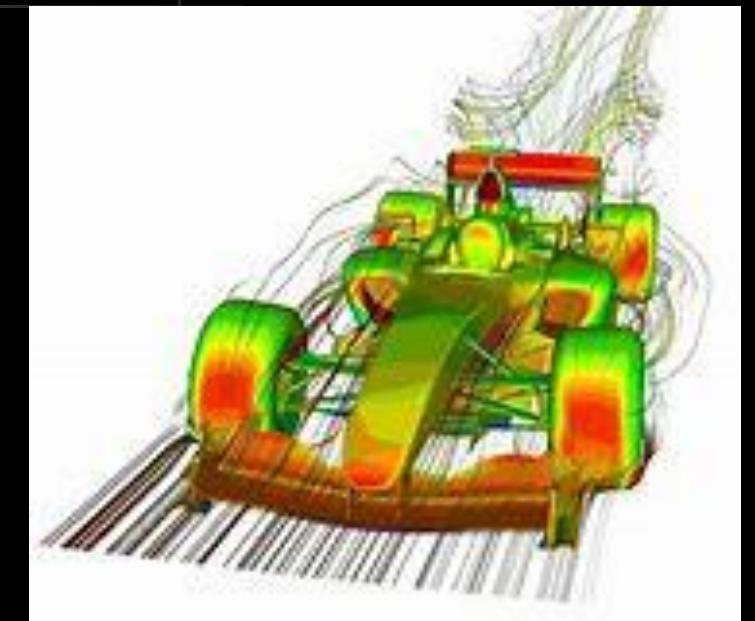
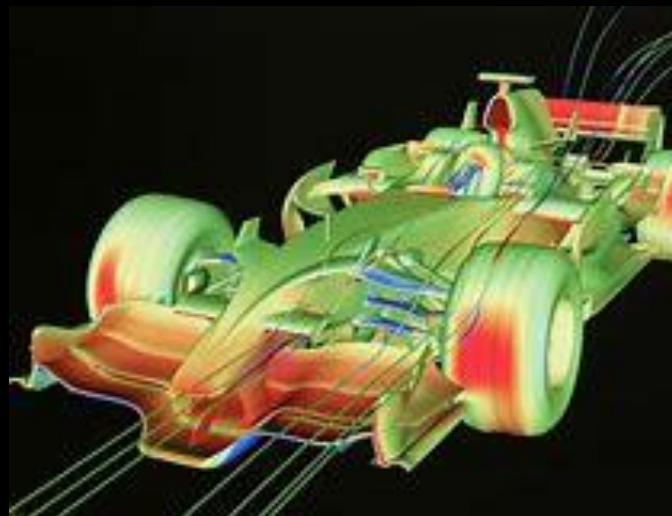


*WE GET INSPIRATION FROM
THE DESIGN OF FIGHTER
JET PLANE WITH IT'S
AERODYNAMICS CONCEPTS*



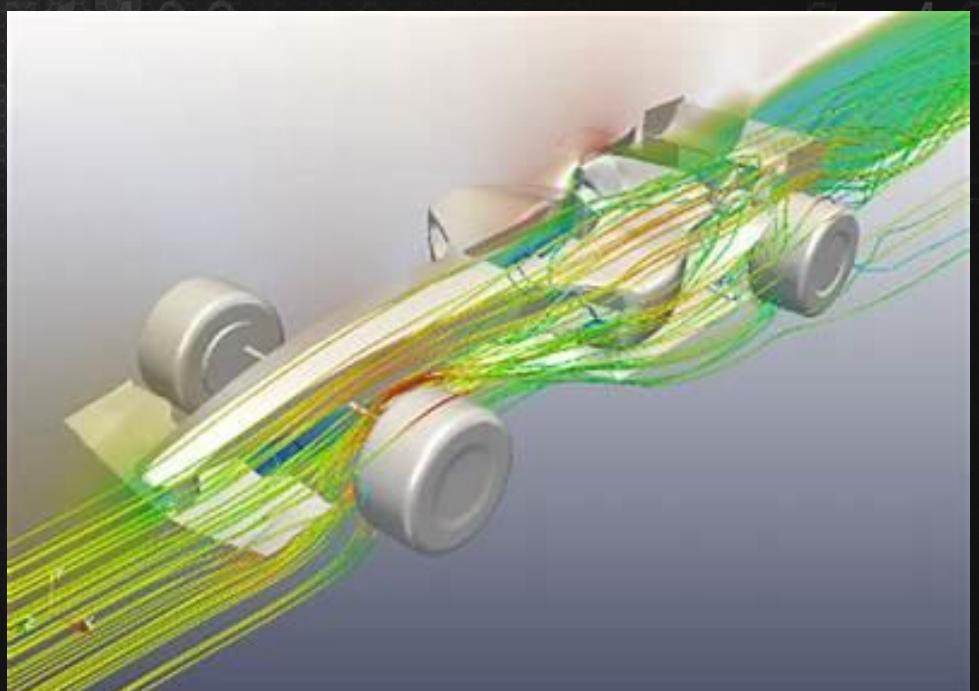
*A CAR NEEDS TO BE
LIGHT WEIGHT SO WE
MAKE IT LIGHT WEIGHT.*

IT WAS TO MAKE OUR CAR
APPEARANCE GOOD AND WE
WANT TO COLOR OUR CAR BY RED
AND YELLOW BUT THEN WE THINK
THAT OUR LOGO IS OF ORANGE
AND BLACK THEN OUR BRAIN
WORKS AND WE PAINT OUR CAR
BY SAME COLOR AS OUR LOGO
LOOKS .



AERODYNAMICS

WE HAVE GIVEN SOME SPECIAL EFFECT WHICH WERE TESTED IN THE PROGRAM FLOW DESIGN . WE HAVE TESTED OUR CAR AND OUR DRAG COEFFICIENT . EACH OF THE CHANGES WERE ALSO TESTED ON THE TRACK AND PROVEN TO IMPROVE THE SPEED OF THE CAR. BECAUSE OF THE EFFECT OUR CAR WAS AERODYNAMIC . WHICH IS USE TO INCREASE THE SPEED OF CAR.



MANUFACTURING

OUR CAR WAS MADE BY CNC MACHINE
USING

BALSA WOOD WE HAVE GIVEN SOME
 SPECIAL

EFFECT WHICH CAN'T BE MADE BY BALSA
WOOD.

THEN WE THOUGHT THAT OUR SPOILERS
CAN BE MADE BY 3D PRINTING BY GIVING
1800 RUPEES SEPARATE.



ABOUT CNC MACHINE

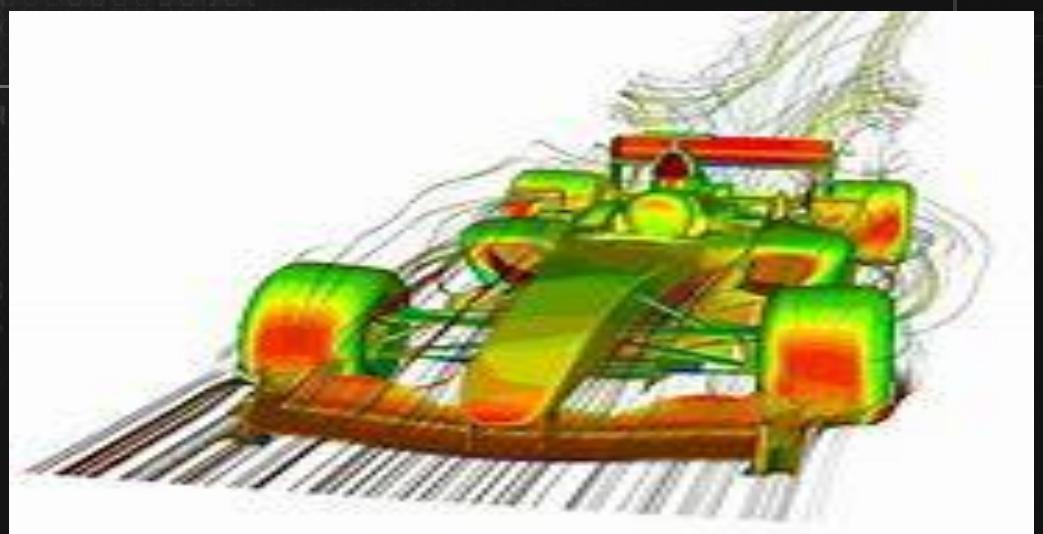
CNC MACHINE HELP US TO DESIGN OUR CAR BY A MODAL BLOCK OF Balsa wood MEASURE : 223*65. ONLY BY CNC MACHINE THE EFFECT GIVEN BY US CAN BE MADE OTHERWISE OUR CAR WILL NOT BE SELECTED IN THE RACE.



FOR LIGHT WEIGHT WE HAVE HOLLOW
THE FLAPS OF OUR CAR .

THEN ON 13TH DECEMBER WE HAVE GOT
OUR CAR .

ON NEXT DAY WE HAVE OBSERVE OUR
CAR AND WE WERE READY , TO PAINT IT
BY USING LOW DENSITY SPRAY PAINT
OF ORANGE AND BLACK COLOUR.



TESTING

WE HAVE USED FLOW DESIGN SOFTWARE FOR TESTING OUR CAR.

WE HAVE GOT 0.36 AS OUR DRAG COEFFICIENT WHICH WE THOUGHT IS GOOD FOR OUR CAR.

