

Education:

Matriculation (2005): Kendriya Vidyalaya Bagafa (CBSE Board),

77.4% marks.

B. Tech (2005-2011): North Eastern Regional Institute of Science &

Technology, Agricultural Engineering

(CGPA 3.36/5.0)

M. Des (2011-2013): Indian Institute of Technology Kanpur.

(CPI 7.5/10.0).

Workshops:

N Creative Engineering Design by Prof. AmrishChakraborty.

№ User Experience Design by Mrs. Jhumkeelyenger.

Visual Ergonomics by Dr. AmitRay.

N Design for the bottom of Pyramid by Mr. MartijnSchildkamp.

Automotive styling workshop by Designskillset.com.

No Bicycle design workshop by TI Cycles.

Skills:

- ¹ Adobe Photoshop
- National Autodesk Sketchbook Pro
- Autodesk Inventor Professional
- Nation Autodesk 3ds Max
- Ms office
- § Free hand sketching, Painting, Digital rendering.

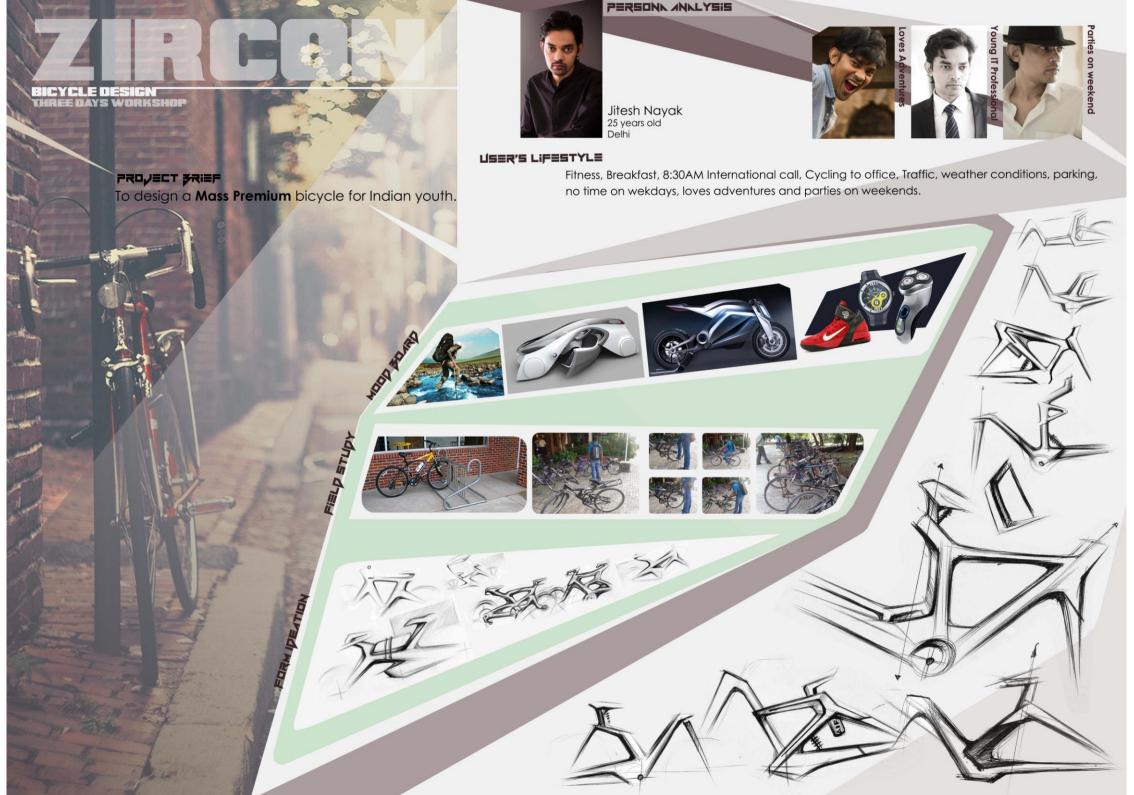
Achievements:

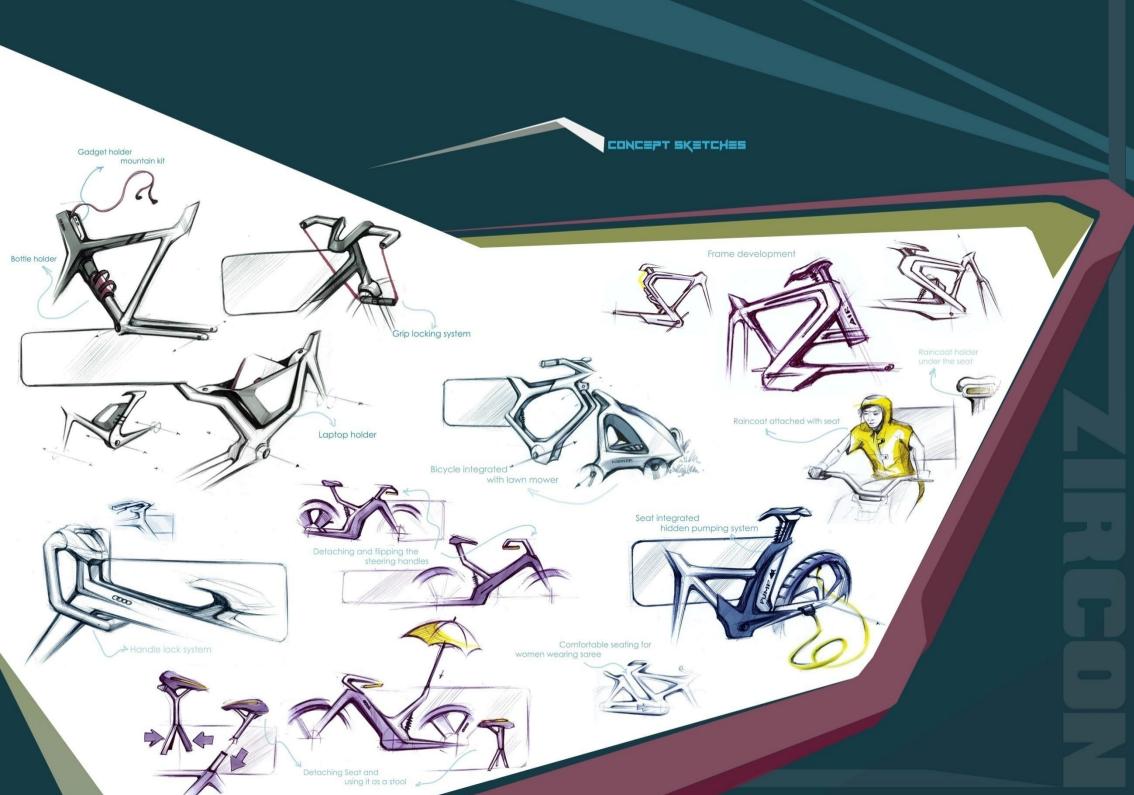
- § Third place in USID Gurukul 2011 (group event).
- § First place in sketching competition organised by **Designskillset.com** on automotive styling.
- § PG executive of Fine Arts Club, IITK.
- **♦** Stage decoration head of **Impressions 2012**.
- All India rank 64 in CEED 2011.
- § First prize in portrait making & second prize in street painting, Rendezvous2011, IITD.
- § First prize in costume design competition (group event), Antaragni 2011, IITK.
- N Bisharad in Painting from Bangiyo Sangeet Parishad board.

Contacts:









FINAL CONCEPT SKETCH AND RENDER









Akash Mitra Amit Kundal Bharat Sarkar Team Members: Vivek Shankar

IBIL SS



NEED STATEMENT

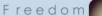
THE

"To design a High-end Luxury Bus which can define the JCBL brand in the market, which is distinctive and redefines luxury coaches."













Strength

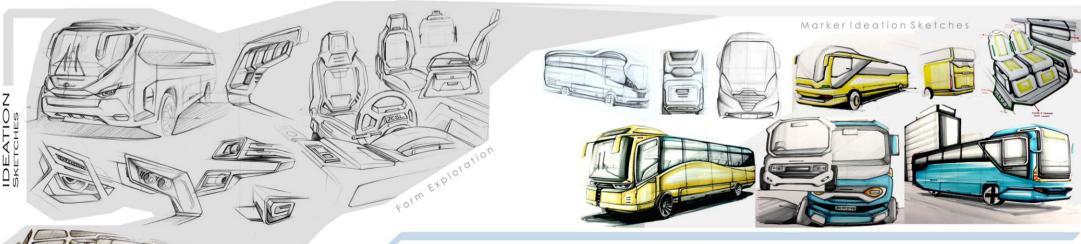


MOOD BOARDS/INSPIRATION

JCBL is one of the largest bus body but

JCBL is one of the largest bus body builders in the country.

Group Vision: Market leader, Domestic leadership, Quality, Innovation.



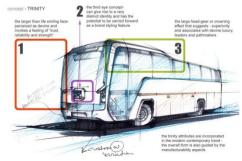


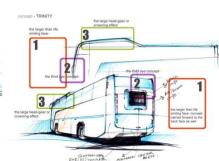






CONCEPT Trinity

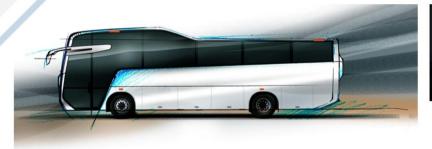




TRINITY













BILISS



Concept Render

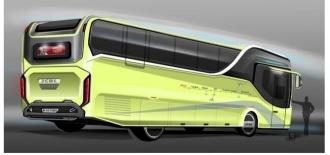
CONCEPT

Bliss













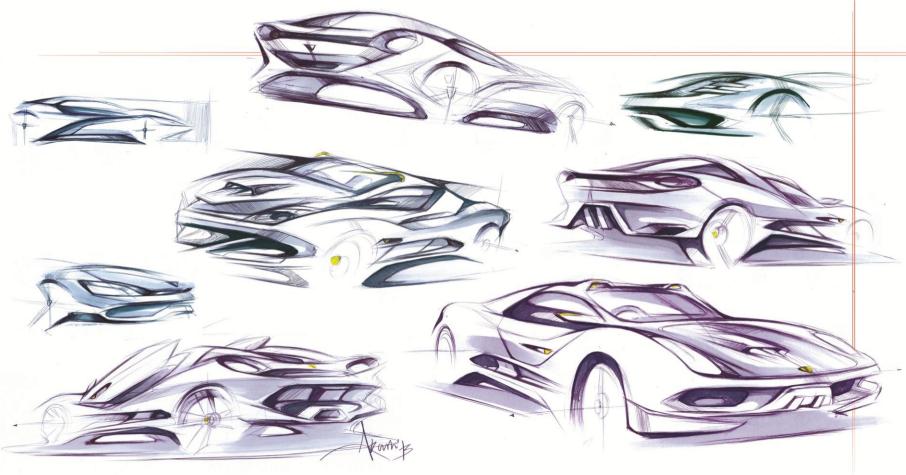
Tape Drawing (Scale 1:14)

IBI-155









DESIGN

Investigate

Analysis



----Design & Te





P R O C E S Statement

To Design a photo viewing & organizing software that solely works on date and time information available in digital photographs.

persones



Pallavi, 27 years, Software Engineer, loves to click pictures and upload on Facebook. But finds it difficult to find a particular photo after a long time.

Rahul, 24 years, Design student, has a huge collection of photos related to his course work. But he is frustrated with the cluttered and mismanaging UI of his pictures folder.





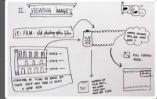
Kabir, 45 years, Professional Photographer, doing photography for a long time but with the mordernisation in photography, he thinks that the management of his epic photographs has become poor.

Amanda, 28 years, Air hostess, classifies her pictures based on date and place but still struggles when it comes to find a specific picture.



idention







- Most of the people face problems in managing pictures. Complex User Experience as in case of Picasa, etc. hinders the normal people to use it.
- People want to, but cannot share the pictures directly over the social networking websites as the option is not given in some viewing softwares
- Easiest way to remember the picture is by time of year and the people you were with during that time.









Analysis ...



gn & Test





P R O C E S





Team Members: Akash Mitra & Nishant Rai.



Design Brief:

Raising awarenes about Traffic rules through the medium of Children as they are the effective tool to bring in a change."



Research & Findings:

- Chlindren are sensible towards traffic rules but lack of knowledge of the same.
- Children are enthusiastic about spreading public awareness through various tools.
- Ensure fun and reward through the tools used.
- Ensure involvement of parents, teachers and society at large.



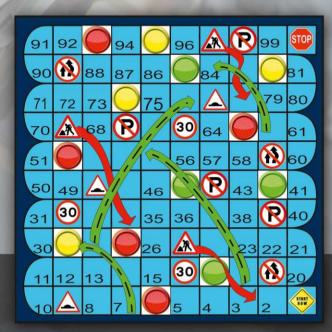
Paper Prototypes:



Final Designs:

A kit containing:

- Board Games Playing Cards
- Puzzles





Team Size: 7 members, Mentor: Prof. Amrendra Kr. Das & Dr. Alok Bajpai
Second Runner Up, USID Gurukul'11.

Statement of Purpose

To minimize the impending problem of space, pollution and cater to the increasing demands of the growing population.

COLLAPSO

A four-wheeler concept for 2025

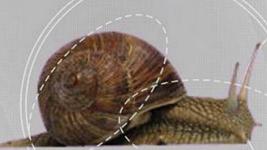
Design Inspiration





India is a developing country and facing a surge in automotive demand. Considering the scenarios and understanding the problems a concept car in the Indian context is required.

Key features to be incorporated: Solves the constraints of space Eco friendly, utilizing green fuels Light weight vehicle Exploring other materials for body Adaptability to constraints in terms of space Public transport system.



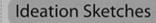
Sliding movement as per requirement

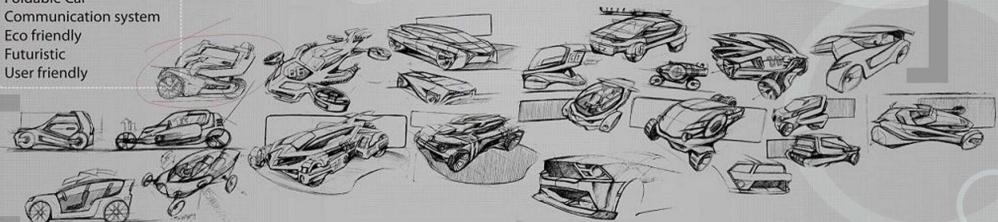
Protective Shell and supports as base



Design Statement

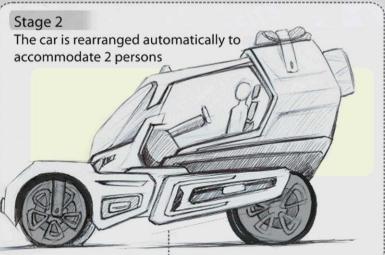
Compact Design Foldable Car

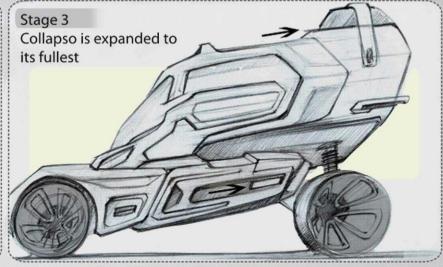




60LLAPSO





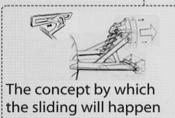


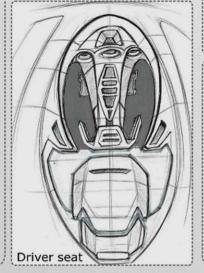
Concept: COLLAPSO

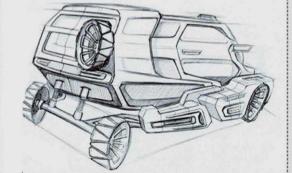
The concept intends to cater as a public transport or a replacement to the exiting taxis available for the Indian roads.

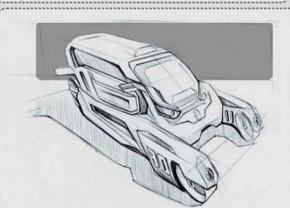
Collapso has a special feature where it has two seats in the front. It may be defined as a compressed or initial stage. On requirement it can expand and accommodate two more seats in the back. It will be achieved by sliding mechanism.

The seats are colluded together. On requirement it slides.

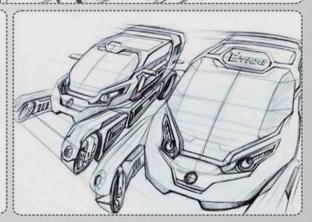




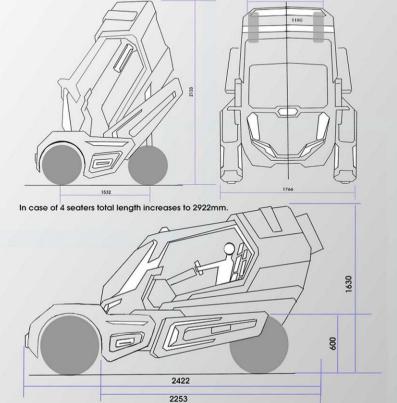




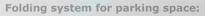




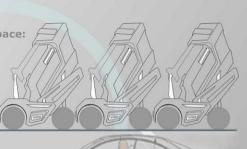
Dimensions



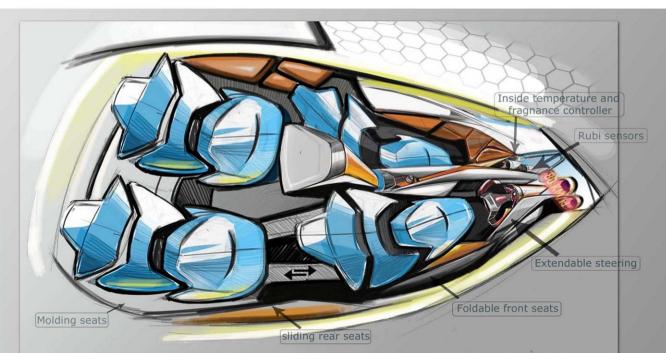
All dimensions are in mm.

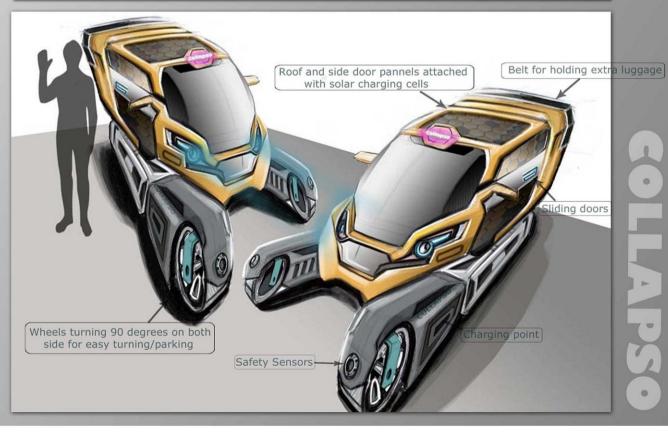


To save the parking space and design the compact transportation systemCollapso has folding system to save the parking space. Each user need a small garage space for the vehicle and when the user wants to go out, they dont need to spend much time for finding parking space.









Team Members: Akash Mitra & Chirapriya Mondal.

Classic Mot^orsports Design Sketch Contest...

Design Brief:

Sketch Inspirations:



Aerodynamic Showing movement Musculine Racing Winner





INITIAL SKETCH

To create a guick drawing/rendering/painting of a racing car/sports car from the 1950s-1960s, focusing on the emotional aspect.

FINAL SKETCH





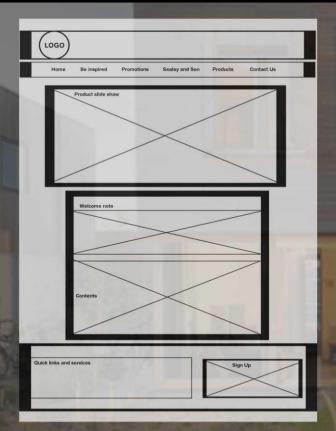
The execution time of the sketch is under two hours.

Webpage Design for SEALY & SON

Design Brief:

Rebecca Sealey (sealey and son) ran a Web Page design contest for their company. The owners of Sealey and Son Timbers have been in the timber business for over 25 years. They wanted a user friendly web page presenting the best range of quality products to their customers.

ask Analysis & Wireframes:



Final Design showing the Home page



1300 332 372

HOM

BE INSIPRED

PROMOTIONS

THE SEALEY & SON ADVANTAGE

PRODUCTS

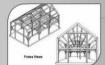
AROUT

CONTACTUS



Welcome to Sealey and Son Timbers

Welcome to Sealey and Son Timbers, from the family that brought you Fineline Timbers. We understand that deciding on the perfect project for home comes with lots of questions. We're the experts not only in more by



DESIGN

Looking for something different, something unique? Sealey and Son Design has the answer. Simply contact us so we can make a time to sit down with you and create something special whilst working to your budget.....more

PRODUCTS

Sealey and Son Timbers is one of the largest stockists of timber and building materials in South East Queensland. We're proud of the products we sell, clithe more button for further information.....more





OUR SUPPLIERS

Sealey and Son Timbers stands behind the products we sell and gladly suppo our suppliers. Here you can find the websites of the actual suppliers we use... more

QUICK LINKS

Home
About Us
Decking
Flooring
External Cladding

SERVICES

Timber Fencing Gates Decking Landscapin

CUSTOMER SERVICE

Site Map
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SIGN UP FOR OUR NEWSLETTER

Enjoy the latest Starbucks store offers and update Sign up now and get 10% off on your first order.

Your e-mail address.

SUBMIT

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Design Brief:

Experience which helps Artisans working on authentic Indian Art and design, better connect with his/her Customers and peers"



Overview:

In this proposed scenario the user interface will be the connecting factor of both the two groups. The interface will be divided into two parts, one dealing with the artisans' side will be based on Akash tablet, and the other part will be similar to an e-commerce website. Artisans will update their product status using Akash tablet and the data will be uploaded on the website, from where the direct consumers can buy those products.



ONLINE **INTERFACE**





Personas:

Mr. Satish Ahmed

47 years old Seesham wood carver 12th standard Saharanpur, UP

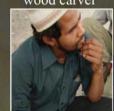




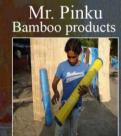
Mrs. Abhirati 29 years old Kalamkari artist 10th standard Hyderabad, AP

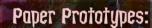
Users:

Mr. Rizwan wood carver



Mr. Sunil Stone carver



















User Testing:









KALA An Application design for Akash Tablet

Final Design:

























Major Points of the Application:

- ~Awareness about Art and Artisans
- ~A platform for Buyers to get authentic craft (virtual gallery)
- ~A platform for Artisan to showcase his/her work and get direct sales.

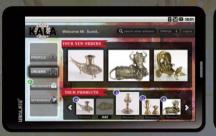
Design Iterations:

CRAFTSMEN INFO





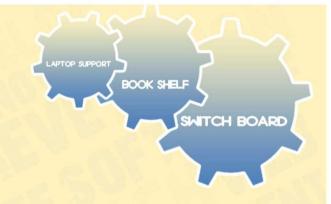






KALA An Application design for Akash Tablet 10:51 C **⊃** Logout **X** Welcome Mr. Sumit. ABOUT YOU: PROFILE (2) DOKRA SCULPTOR and an Indian Government recognized master craftsman. # # YOUR ACHIEVEMENTS: PRODUCTS 1. Master Craftsman State Award (2005-06) by his Excellency the Governor of WB. 2. District level Craftsman Award (2008). Sumit Naskar MESSAGES -3. UNESCO - CCI 2009, Seal of Excellence For Bardhaman. Handicrafts Products. West Bengal. YOUR PRODUCTS: HILPAKAR ☐ M @ 10:51 Welcome Mr. Sumit. Q search other articians Settings \$ Logout YOUR PROFILE am involved in making Dokra artforms since generation Dhokra is non-ferrous metal casting using the lost-wax casting technique. This sort of metal casting has been used in India for over 4,000 years and is still used.As it is a dying art form, I am constantly looking for more avenues for my products in Order to support my family. PROFILE (I want a better exposure of my art and want to directly get in touch with people interested in my works through Kala. I'm also very excited about the forum as here I can Sumit Nashar inquire about betterment of my craft. MESSAGES

Multi Functional Chair Design



DESIGN BRIEF

The chair is designed keeping in mind the problems faced by a student when he/she need to get up from chair to charge their laptop or other gadgets. Also the backside of the chair has a small book self.

This chair would be offered with a laptop support package including laptop support table, wire management leg, plug points and switch, and power access node. The laptops' support arm pivots out of the way and folds to become an armrest.

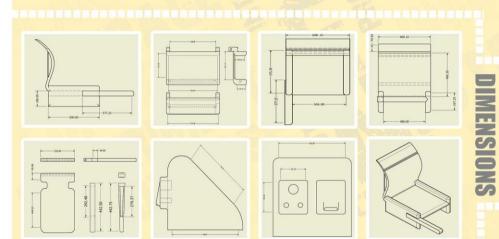








FINAL DESIGN IN 3D



MATERIALS ASSIGNED

The wood is wrapped in a painted aluminum shell. The contours of the seat flow smoothly into those of the optional back shell. Back shell construction could be either stamped aluminum or molded plastic.





Design Brief:

During the challenge teams from around the world had **24 hours** to come up with a solution to a design problem taken from state-of-the-art **human-computer interaction** research.

What does INTERACT do?

It is an add-on plugin for the **street view** of Google maps. At the moment when someone uses Google street view, he is all alone there. He sees the whole space as an individual. So the idea is to embed the relationships in Google street view thereby enhancing it. With this feature if a person is navigating on a specific street of street view, he will now see the different virtual people on his screen who are **virtually** loitering on the same street.

Personus:



Mr. Martin
Alumni of Sydney University
Australia



Mr. Saurav
Aspirant of Sydney University
India

Scenario:

A 17yr old guy Saurav, who has secured admission in Sydney University is looking at google map, from his home. At the same time, Martin, an alumni of Sydney University, is also looking at the same university through google maps. Saurav would have so many questions about the place. So Saurav would like to see or know what the place feels like, about the academics and hostel/residence, have a look at the location, know about the neighbours, the nearby shopping markets, etc.









mobile devices

collocated interaction

Puper projotypes:









User iesting:





















While navigating through a certain place, user can see who else is navigating the same place

User can also talk/mesage a person who is also navigating through the same place

In 3D street view, user can see people who are actual residents of the place or other navigators

Video representation:











Team Members:

Akash Mitra Jacob Thomas Nishant Rai Saptarshi Kolay

Blog update: http://teamhourglassiitkindia.tumblr.com/

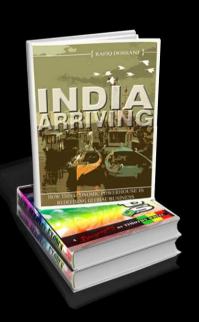


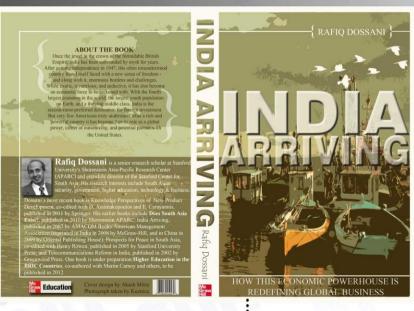
THE KINGDOM OF LICH



'BRAHMANA' The Astronomical observatory

COVER DESIGN



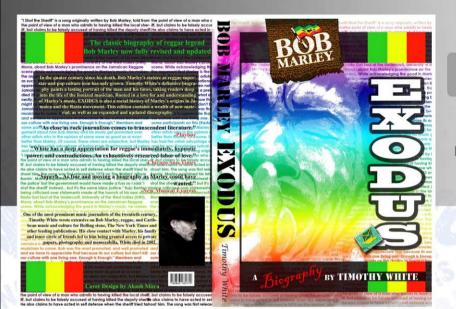




player in the world economy.



Existing Design





....a biography by Timothy White

Exodus is a social history of reggae singer Bob Marley's origins in Jamaica and the Rasta movement.



Existing Design









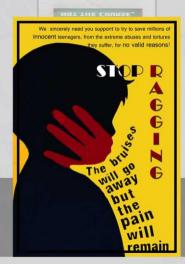




3

Poster Designs









Pockaging & banner









Journey to Center of the World

A travel documentary covering two people who get stuck in the Kanpur. They have quite a bad impression about the city. But having nothing to do, they decide to explore the city a bit. Later this ends up changing their perception about city.





Dhobi Ghat

A short film made as part of our course work to capture the essence of a place in 1 min video.

Stop Motion (with cans)

A short stop motion video with cans.





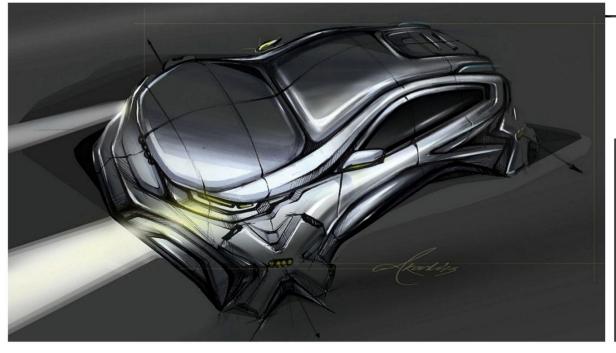
Life is Messy

A 1 min black & white silent comedy film made as a part of our course work.





Digital Renders







Digital Renders











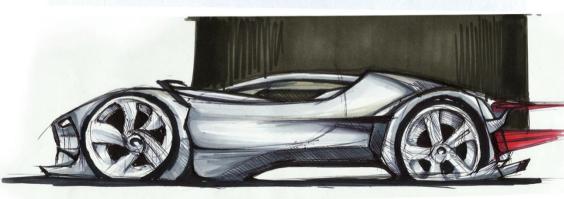




AUTOMOTIVE SKETCE:

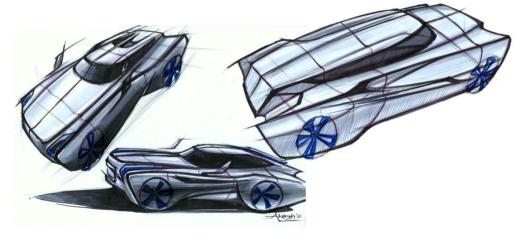


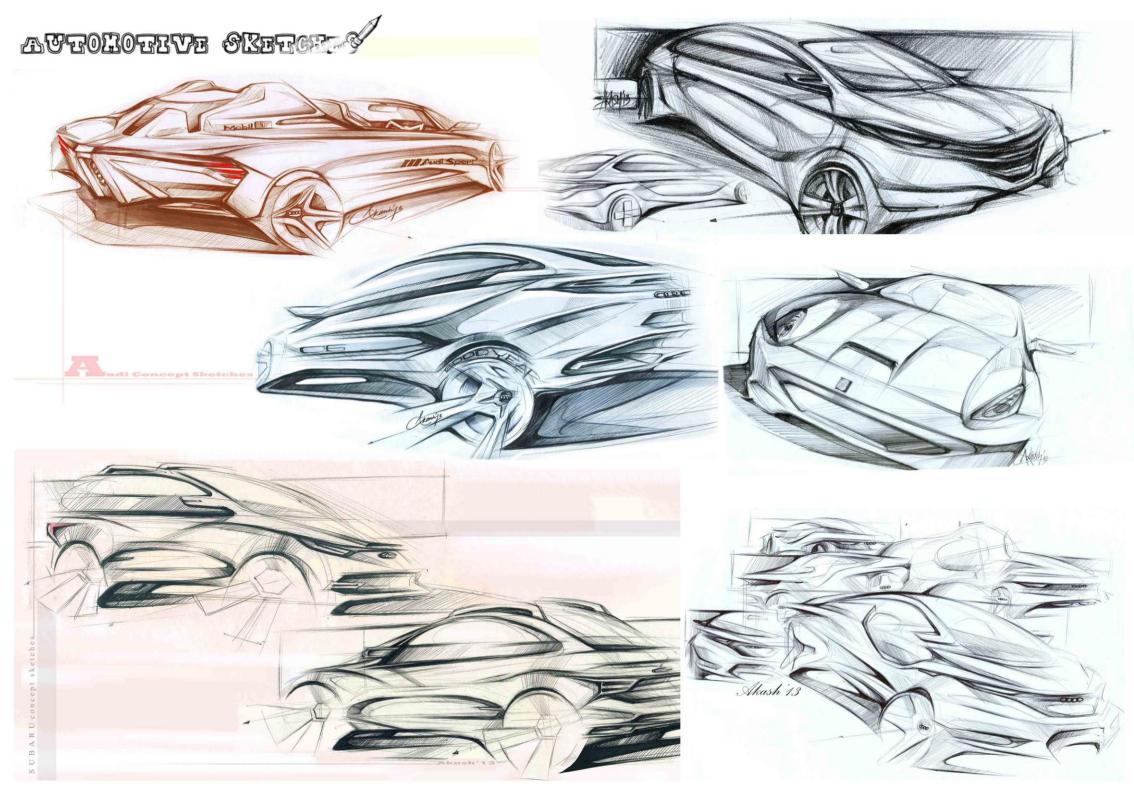


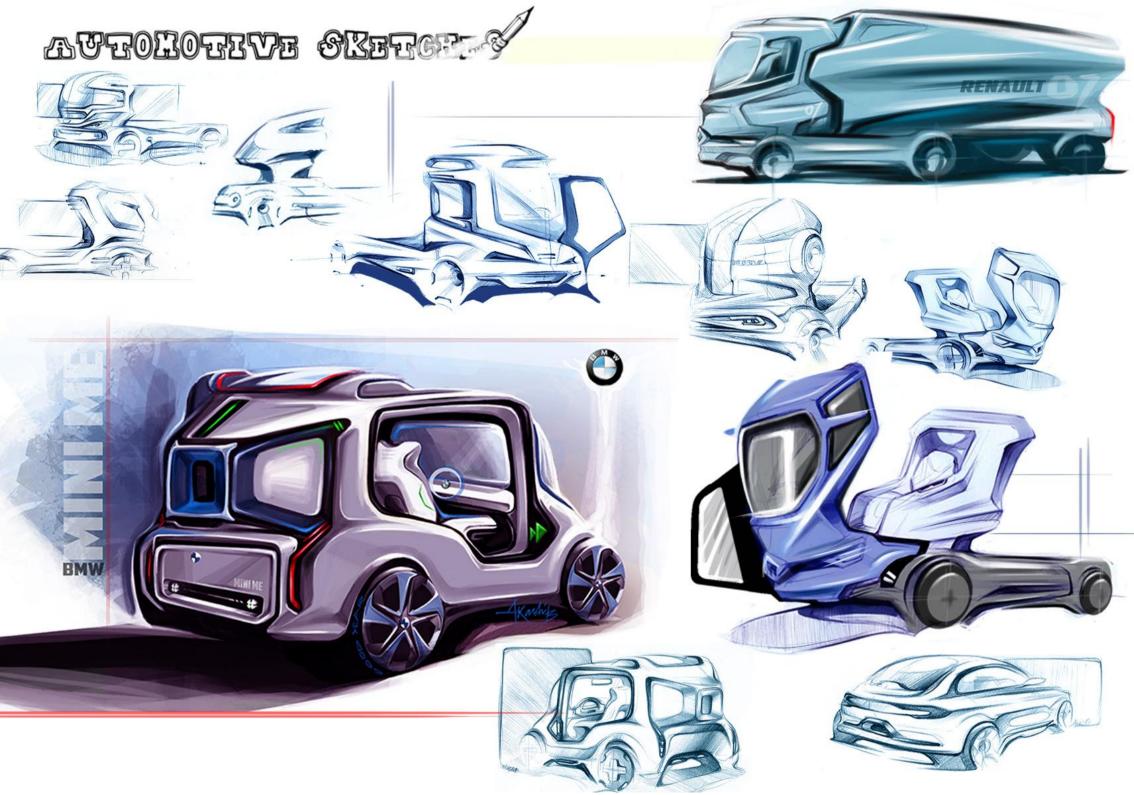


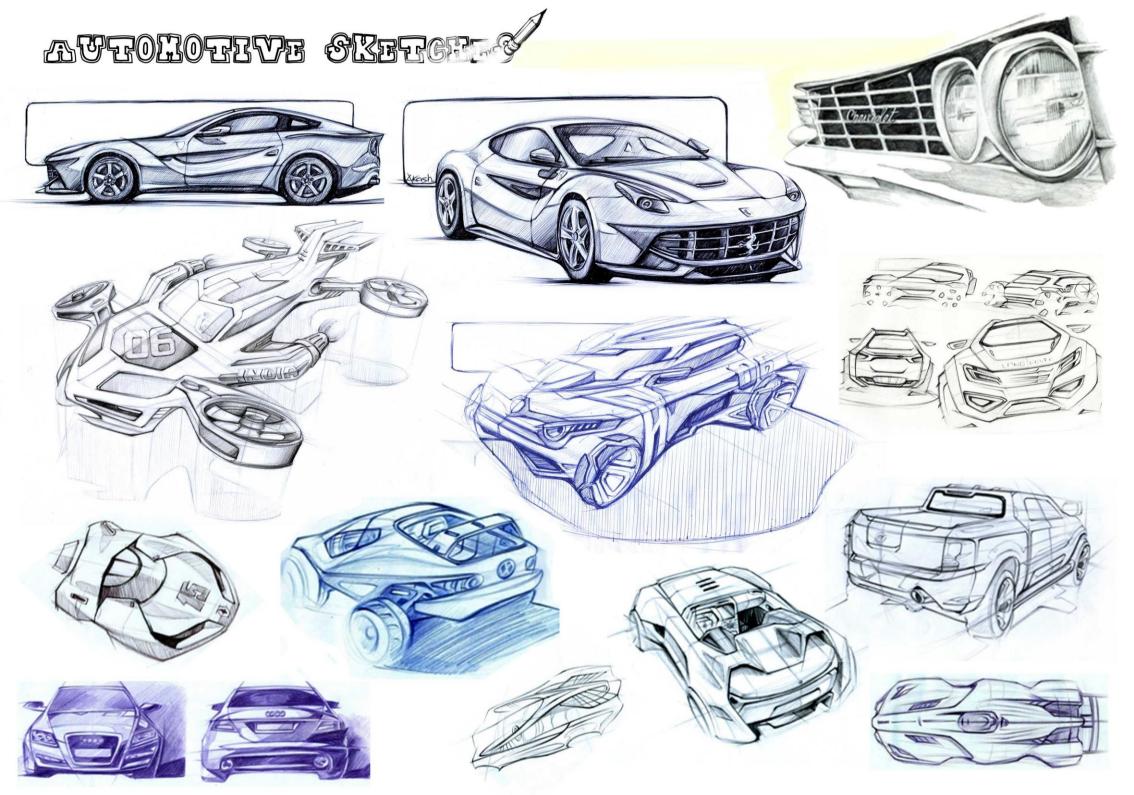












DRAWINGS & SKETCH









