Interaction Design

MDes | IDC | IIT Bombay Email: likhar.ujjwal@iitb.ac.in

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#### **Education**

- Pursuing **Master of Design** (Interaction Design 2007) , IDC, IIT Bombay.
- Bachelor of Engineering (Electronics Engg. 2006), Shri Ramdeobaba Kamla Nehru Engineering College, Nagpur.

#### **Experience**

- Worked as a Research assistant with Prof. K Munshi, IDC IIT Bombay (sep'06-july '07) **Projects:** 
  - Low powered led lighting system for rural areas.
  - Electric vehicle for huge Airports.
  - Focus light in trains for Western Railways.
  - LED based signage to indicate berths in trains.
- Internship at Satyam InfoTech,

Comparative **Heuristic evaluation** and comparative analysis of bank websites. Designed Website wire frames for e-commerce, entertainment, social networking, web mails, and e-ticketing.

### **Academic projects**

- **Degree Project 2,** on going project Designing a Robotic Kit For Kids (still working)
- **Degree Project 1,** Redesigned the User Interface of Automatic Ticket Vending Machine for Mumbai suburban Railways.
- Google collaboration project, designed a social networking website for the lone traveler to heighten the experience of a journey through social networking(Group Task).
- Conducted **User testing** and **Usability** for Hindi text input in mobile with semi literate people. Conducted user studies & contextual inquiries, card sorting to identify problems while using English language based mobiles by semi literate people.
- Designing for Interactivity (social aspect), Interaction design task, Designed a device "BUDDY" for Key children for them to share, communicate and socialize.
- Designed a **mobile application** to represent time on mobile for youth
- **User testing** of cricketnext.com website.
- **Heuristic evaluation** of CD burning software "Nero".
- Prepared a video prototype for Online bill payment website, Soft prototyping techniques.
- Designed a Spoon for Elderly, Human factors (group task).

## **Career Interests**

Interaction Design, User Interface Design, Design Research, Human computer interaction design, Mobile application design, User Experience Design, game design, Tangible Interaction, Font design, calligraphy, symbol design, Pottery and glazing.

# Skills

**Software skills** Rhino, 3ds Max

Adobe Creative suite 3 Flash, action scripting(basics) CorelDraw

HTML, CSS(basics)

**Design skills** Design research, Contextual enquiry, Heuristic evaluation,

User testing, software and hardware prototyping, Pottery.

### **Achievements**

- First Prize in Auto Styling during Mood Indigo held at IITB in 2007.
- First Prize Black Box competition during **Techfest** held at **IITB** in 2005.
- First Prize Helipad competition during Techfest held at IITB in 2005.
- First Prize in "Junkyard Wars" at Teknodian-2005, held at KITS Ramtek.
- Designed **Mood Indigo 07 wall** (25'hX92'w).

### Leadership

- Led college Football team at University level.
- Led College cultural fest and Branch cultural fest Decoration committee (2004, 2005, 2006).
- Led the College team for **Techfest** held at **IITB** in 2005.
- Led the college team for Teknodian-2005 technical fest, held at KITS Ramtek.
- Led Branch Tiger five Football team, at Department level

# **Personal Details**

**Gender** : Male **Date of Birth**: 23-11-1982 **Marital Status**: Unmarried

**Languages**: English, Hindi, Marathi **Permanent Address**: House no.3, koshtipura, sitabuldi, Nagpur - 12

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