

CSP315

Embedded Systems Design

Department of Computer Science and Engineering

Indian Institute of Technology Delhi

Open House 2015

April 18, 2015

Assistive Technology for the Visually Impaired

- Haptic Feedback Gloves for the Visually Impaired
- Braille Tutor
- Outdoor Navigation of Visually Impaired using visual landmarks
- Outdoor Navigation of Visually Impaired using Surface Texture Landmarks
- Visual Clue Assisted Indoor Navigation
- Audio Streaming of Classroom Projection

High-Tech Campus

- Priority Campus Vehicle for Disabled
- Smart Mess Accounting System
- Networked Displays
- Campus Call Rickshaw Service
- Remote Authorized Access to Classroom Material

Technology for Social Impact

- Technology Solution for Accident Prevention at Unmanned Railway Crossing
- Monitoring teacher attendance in rural schools
- Capacitive Sensing based Safety Alert Trigger
- Monitoring Garbage Cleaning Contracts

Green Solutions

- Programmable Electric Switch
- Programmable Lighting for Washrooms
- Household Power Signature Analysis
- Parking Assistance for One-way Streets

Students in CSP315

