

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Engineering Design - NOC:Ergonomics in Automotive Design

Subject Co-ordinator - Dr. Sougata Karmakar

Co-ordinating Institute - IIT - Guwahati

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction to Automotive Ergonomics  
Lecture 2 - Driver Information Acquisition and Processing  
Lecture 3 - Anthropometric and Biomechanical Data in Automotive Design  
Lecture 4 - Occupant Packaging  
Lecture 5 - Principles of Control and Display Design  
Lecture 6 - Usability evaluation of In-vehicle control and displays  
Lecture 7 - Human Fields of View and Driver's Fields of View  
Lecture 8 - Vehicle Entry and Exit  
Lecture 9 - Driver Distraction and Driving Performance Measurement  
Lecture 10 - Driver Workload Measurement  
Lecture 11 - Virtual Ergonomics Evaluation Technique and its application in Automotive Design  
Lecture 12 - Automotive Craftsmanship