NPTEL : NOC:Innovation by Design (Engineering Design)

Co-ordinators : Dr. B.K. Chakravarthy

NPTEL : NOC:Understanding Design (Engineering Design)

Co-ordinators : Dr. B.K. Chakravarthy

NPTEL : NOC:Design, Technology and Innovation (Engineering Design)

Co-ordinators : Dr. B.K. Chakravarthy

NPTEL : NOC:Understanding Ethnography (Engineering Design)

Co-ordinators : Prof. Nina Sabnani

Lecture 32 - Introduction

Lecture 33 - Types of Observation

Lecture 34 - (ALM) LxT 1: Observing Imponderabilia

Lecture 35 - What to Observe

Lecture 36 - Participant Observation

Lecture 37 - Degrees of Participation

Lecture 38 - Ethnographic Records

Lecture 39 - Conclusion: Types of Ethnographic Records

Lecture 40 - Introduction

Lecture 41 - Forms of Interviews

Lecture 42 - (ALM) LxT 1: Oral History and Ethnography

Lecture 43 - Characteristics of Interviews

Lecture 44 - Listening and Speaking

Lecture 45 - Reflexivity in Interviewing

Lecture 46 - Designing the Interview

Lecture 47 - Designing the Core Discussion - I

Lecture 48 - Designing the Core Discussion - II

Lecture 49 - Doing the Interview - I

Lecture 50 - Doing the Interview - II

Lecture 51 - Conclusion

Lecture 52 - Introduction

Lecture 53 - Researching THE Visual - I

Lecture 54 - Researching THE Visual - II

Lecture 55 - Researching WITH the Visual

Lecture 56 - Choosing the Visual Medium

Lecture 57 - Representation through Visuals

Lecture 58 - (ALM) LxT 1: Part I: Presentation by Anjali Monteiro and KP Jayasankar

Lecture 59 - Reflexivity in Visual Ethnography - I

Lecture 60 - Reflexivity in Visual Ethnography - II

Lecture 61 - Conclusion

Lecture 62 - Introduction

Lecture 63 - Designing Information for HIV-AIDS Affected Persons - Prof. Anirudha Joshi

Lecture 64 - A New Approach to Urban Housing - Prof. Uday Athavankar

NPTEL : NOC:Understanding Incubation and Entrepreneurship (Engineering Design)

Co-ordinators : Dr. B.K. Chakravarthy

NPTEL : Ergonomics for beginners: Industrial design perspective (Engineering Design)

Co-ordinators : Prof. Debkumar Chakrabarti

NPTEL : NOC:System Design for Sustainability (Engineering Design)

Co-ordinators : Prof. Sharmistha Banerjee

NPTEL : NOC:Product Design and Innovation (Engineering Design)

Co-ordinators : Prof. Debayan Dhar, Prof.Swati Pal, Prof. Supradip Das

NPTEL : NOC:Interaction Design (Engineering Design)

Co-ordinators : Prof.Abhishek Shrivastava

NPTEL : NOC:Ergonomics in Automotive Design (Engineering Design)

Co-ordinators : Dr. Sougata Karmakar

NPTEL : NOC:Ergonomics Workplace Analysis (Engineering Design)

Co-ordinators : Prof. Urmi R. Salve

NPTEL : NOC:Ergonomics Research Techniques (Engineering Design)

Co-ordinators : Prof. Urmi R. Salve

NPTEL : NOC:Design Practices for Intelligent Product Design (Engineering Design)

Co-ordinators : Prof. Bishakh Bhattacharya

Lecture 32 - Case Study 4: Substation Inspection Robot

NPTEL : NOC:Geographic Information System (Engineering Design)

Co-ordinators : Prof. Bharath H Aithal

NPTEL : Principles of Engineering System Design (Engineering Design)

Co-ordinators : Dr. T. Asokan

NPTEL : Vehicle Dynamics (Engineering Design)

Co-ordinators : Dr. R. Krishnakumar

Lecture 32 - Random Process and Conclusion (Continued...)

NPTEL : NOC:Control Systems (Engineering Design)

Co-ordinators : Prof. C.S.Shankar Ram

Lecture 32 - Steady State Error Analysis - Part 2

Lecture 33 - Root Locus 1 - Part 1

Lecture 34 - Root Locus 1 - Part 2

Lecture 35 - Root Locus 2 - Part 1

Lecture 36 - Root Locus 2 - Part 2

Lecture 37 - Root Locus 3 - Part 1

Lecture 38 - Root Locus 3 - Part 2

Lecture 39 - Root Locus 4 - Part 1

Lecture 40 - Root Locus 4 - Part 2

Lecture 41 - Case Study - Modelling - Part 1

Lecture 42 - Case Study - Modelling - Part 2

Lecture 43 - Case Study - Control Design - Part 1

Lecture 44 - Case Study - Control Design - Part 2

Lecture 45 - State Space Representation - Part 1

Lecture 46 - State Space Representation - Part 2

Lecture 47 - Frequency Response - Part 1

Lecture 48 - Frequency Response - Part 2

Lecture 49 - Bode Plot 1 - Part 1

Lecture 50 - Bode Plot 1 - Part 2

Lecture 51 - Bode Plot 2 - Part 1

Lecture 52 - Bode Plot 2 - Part 2

Lecture 53 - Bode Plot 3 - Part 1

Lecture 54 - Bode Plot 3 - Part 2

Lecture 55 - Bode Plot 4 - Part 1

Lecture 56 - Bode Plot 4 - Part 2

Lecture 57 - Nyquist Plot 1 - Part 1

Lecture 58 - Nyquist Plot 1 - Part 2

Lecture 59 - Nyquist Plot 2 - Part 1

Lecture 60 - Nyquist Plot 2 - Part 2

Lecture 61 - Nyquist Stability Criterion - Part 1

Lecture 62 - Nyquist Stability Criterion - Part 2

Lecture 63 - Relative Stability 1 - Part 1

Lecture 64 - Relative Stability 1 - Part 2

NPTEL : NOC:Fundamentals of Automotive Systems (Engineering Design)

Co-ordinators : Prof. C.S.Shankar Ram

NPTEL : NOC:Functional and Conceptual Design (Engineering Design)

Co-ordinators : Dr. T Asokan

NPTEL : NOC:Introduction to Robotics (Engineering Design)

Co-ordinators : Dr. Krishna Vasudevan, Dr. Balaraman Ravindran, Dr. T Asokan

NPTEL : NOC:Introduction to Graphic Design (Engineering Design)

Co-ordinators : Prof. Mohammad Shahid, Prof. Saurav Khuttiya Deori

NPTEL : NOC:Augmenting Design Thinking with Human-Computer Interaction (Engineering Design)

Co-ordinators : Prof. Sonal Atreya

NPTEL : NOC:Interior Design (Engineering Design)

Co-ordinators : Prof. Smriti Saraswat