

Lecture 1 - One Period Model - I

Lecture 2 - One Period Model - II

Lecture 3 - One Period Model - III

Lecture 4 - One Period Model - IV

Lecture 5 - One Period Model - V

Lecture 6 - Two Period Model - I

Lecture 7 - Two Period Model - II

Lecture 8 - Two Period Model - III

Lecture 9 - Two Period Model - IV

Lecture 10 - Two Period Model - V

Lecture 11 - Two Period Model - VI

Lecture 12 - Ricardian Equivalence - I

Lecture 13 - Ricardian Equivalence - II

Lecture 14 - Credit Market Imperfection - I

Lecture 15 - Credit Market Imperfection - II

Lecture 16 - Search and Unemployment - I

Lecture 17 - Search and Unemployment - II

Lecture 18 - Search and Unemployment - III

Lecture 19 - Schools of Macroeconomic Thought

Lecture 20 - Rational Expectations and Economic Policy I

Lecture 21 - Sticky Prices - I

Lecture 22 - Sticky Prices - II

Lecture 23 - Sticky Prices - III

Lecture 24 - Flexible Prices - I

Lecture 25 - Flexible Prices - II

Lecture 26 - Keynesian Coordination Failure Model

Lecture 27 - New Keynesian Sticky Prices - I

Lecture 28 - New Keynesian Sticky Prices - II

Lecture 29 - New Keynesian Sticky Prices - III

Lecture 30 - New Keynesian Sticky Prices - IV

Lecture 31 - Monetary Policy - I

[Lecture 32 - Monetary Policy - II](#)

[Lecture 33 - Monetary Policy - III](#)

[Lecture 34 - Monetary Policy - IV](#)

[Lecture 35 - Monetary Policy - V](#)

[Lecture 36 - Monetary Policy - VI](#)

[Lecture 37 - Financial Crisis and Economy - I](#)

[Lecture 38 - Financial Crisis and Economy - II](#)

[Lecture 39 - Open Economy Macroeconomics - I](#)

[Lecture 40 - Open Economy Macroeconomics - II](#)

[Lecture 41 - Course Summary](#)

Lecture 1 - Course Introduction

Lecture 2 - Definition and Basic Concepts - I

Lecture 3 - Definition and Basic Concepts - II

Lecture 4 - Definition and Basic Concepts - III

Lecture 5 - Graph

Lecture 6 - Optimization

Lecture 7 - Economic Models - I

Lecture 8 - Economic Models - II

Lecture 9 - Example

Lecture 10 - Branches of Economics

Lecture 11 - Introduction to Demand, Supply and Equilibrium

Lecture 12 - Concept of Marginal Change

Lecture 13 - Demand - I

Lecture 14 - Demand - II

Lecture 15 - Factors Affecting Demand

Lecture 16 - Market Demand

Lecture 17 - Supply

Lecture 18 - Market Supply An Example

Lecture 19 - Factors Affecting Supply

Lecture 20 - Market Equilibrium

Lecture 21 - Changes in Market Equilibrium

Lecture 22 - Consumers Surplus and Producers Surplus

Lecture 23 - Total Surplus

Lecture 24 - Market Interventions

Lecture 25 - Elasticity - I

Lecture 26 - Elasticity - II

Lecture 27 - Elasticity - III

Lecture 28 - Other Elasticities

Lecture 29 - Elasticity One more Example

Lecture 30 - Tax I and Incidence of Tax

Lecture 31 - Incidence of Tax - I

Lecture 32 - Incidence of Tax - II

Lecture 33 - Theory of Consumer Behaviour An Introduction

Lecture 34 - Budget Line

Lecture 35 - Budget Line and Budget Set Some Examples

Lecture 36 - Rationality

Lecture 37 - Utility Function

Lecture 38 - Continuity

Lecture 39 - Nonsatiation

Lecture 40 - Convexity

Lecture 41 - Indifference Curve and MRS

Lecture 42 - Indifference Curve and Example

Lecture 43 - Utility More Examples

Lecture 44 - Consumer Optimization

Lecture 45 - Optimization Some Examples - I

Lecture 46 - Optimization Some Examples - II

Lecture 47 - Optimization Precaution

Lecture 48 - Optimization Economic Interpretation

Lecture 49 - Optimization Summary

Lecture 50 - Income and Price Expansion Path

Lecture 51 - Income and Substitution Effect

Lecture 52 - Income Effect and Substitution Effect (Continued...)

Lecture 53 - Expenditure Minimization

Lecture 54 - Duality

Lecture 55 - Compensated and Uncompensated Demand

Lecture 56 - DBT vs Subsidy

Lecture 57 - Producer Theory An Introduction

Lecture 58 - Types of Firm

Lecture 59 - Technology and Its Representation

Lecture 60 - Average Product and Marginal Product

Lecture 61 - An Example to Demonstrate the Relationship between AP, MP and TP

Lecture 62 - Examples of Production Function

Lecture 63 - Time Constraint and Production Function

Lecture 64 - Returns to Scale

[Lecture 65 - Profit Maximization An Introduction](#)

[Lecture 66 - Profit Maximization II](#)

[Lecture 67 - Profit Maximization Short Run and Long Run](#)

[Lecture 68 - Profit Maximization \(Continued...\)](#)

[Lecture 69 - Cost Minimization](#)

[Lecture 70 - Cost Minimization Some Examples](#)

[Lecture 71 - Returns to Scale and Cost Minimization](#)

[Lecture 72 - Cost Minimization Long Run vs Short Run](#)

[Lecture 73 - Fixed Cost Quasi Fixed Cost and Variable Cost](#)

[Lecture 74 - Cost Curve - I](#)

[Lecture 75 - Cost Curve - II](#)

[Lecture 76 - Cost Curve - III](#)

[Lecture 77 - Cost Curve - IV](#)

[Lecture 78 - Market Structure An Introduction](#)

[Lecture 79 - Perfect Competition An Introduction](#)

[Lecture 80 - Demand Curve Facing the Firm](#)

[Lecture 81 - Supply From a Competitive Firm](#)

[Lecture 82 - Obtaining Supply Function](#)

[Lecture 83 - Profit Function And Producer's Surplus](#)

[Lecture 84 - Free Entry and Exit In Perfectly Competitive Market](#)

[Lecture 85 - Conditions for Profitability and Production in a Perfectly Competitive Market](#)

[Lecture 86 - Long Run Supply Function in a Perfectly Competitive Market](#)

[Lecture 87 - A Solved Example: Long Run Supply Function](#)

[Lecture 88 - Upward Sloping Supply Function in Long Run](#)

[Lecture 89 - Introduction to Monopoly](#)

[Lecture 90 - Reasons for Monopoly](#)

[Lecture 91 - Profit Maximization by the Monopolist](#)

[Lecture 92 - Equilibrium in Monopoly Market](#)

[Lecture 93 - A Monopolist doesn't have a supply curve](#)

[Lecture 94 - Monopoly Power](#)

[Lecture 95 - The Impact of Taxes on a Monopolist](#)

[Lecture 96 - A Monopolist with Multiplant](#)

[Lecture 97 - A Monopolist in Multimarket](#)

[Lecture 98 - Price Discrimination](#)

[Lecture 99 - First Degree Price Discrimination](#)

[Lecture 100 - Second Degree Price Discrimination](#)

[Lecture 101 - Third Degree Price Discrimination](#)

[Lecture 102 - Public Policy Towards Monopoly](#)

[Lecture 103 - Monopolistic Competition : An Introduction](#)

[Lecture 104 - Monopolistic Competition in Short Run and Long Run](#)

[Lecture 105 - Monopolistic Competition Vs Perfect Competition in Long Run](#)

[Lecture 106 - Product Differentiation](#)

[Lecture 107 - Game Theory : An Introduction](#)

[Lecture 108 - Nash Equilibrium](#)

[Lecture 109 - Matching Pennies](#)

[Lecture 110 - Extensive form Game](#)

[Lecture 111 - Game Theory Summary](#)

[Lecture 112 - Oligopoly An Introduction](#)

[Lecture 113 - Duopoly](#)

[Lecture 114 - Equilibrium in Cournot Competition](#)

[Lecture 115 - Equilibrium in Bertrand Competition](#)

[Lecture 116 - Stackelberg Competition](#)

[Lecture 117 - Collusion and Cartel](#)

[Lecture 118 - Comparison of Different Market Structures](#)

[Lecture 1](#)

[Lecture 2](#)

[Lecture 3](#)

[Lecture 4](#)

[Lecture 5](#)

[Lecture 6](#)

[Lecture 7](#)

[Lecture 8](#)

[Lecture 9](#)

[Lecture 10](#)

[Lecture 11](#)

[Lecture 12](#)

[Lecture 13](#)

[Lecture 14](#)

[Lecture 15](#)

[Lecture 16](#)

[Lecture 17](#)

[Lecture 18](#)

[Lecture 19](#)

[Lecture 20](#)

[Lecture 21](#)

[Lecture 22](#)

[Lecture 23](#)

[Lecture 24](#)

[Lecture 25](#)

[Lecture 26](#)

[Lecture 27](#)

[Lecture 28](#)

[Lecture 29](#)

[Lecture 30](#)

[Lecture 31](#)

[Lecture 32](#)

[Lecture 33](#)

[Lecture 34](#)

[Lecture 35](#)

[Lecture 36](#)

[Lecture 37](#)

[Lecture 38](#)

[Lecture 39](#)

[Lecture 40](#)

[Lecture 41](#)

[Lecture 42](#)

[Lecture 43](#)

[Lecture 44](#)

[Lecture 45](#)

[Lecture 46](#)

[Lecture 47](#)

[Lecture 48](#)

[Lecture 49](#)

[Lecture 50](#)

[Lecture 51](#)

[Lecture 52](#)

[Lecture 53](#)

[Lecture 54](#)

[Lecture 55](#)

[Lecture 56](#)

[Lecture 57](#)

[Lecture 58](#)

[Lecture 59](#)

[Lecture 60](#)



Lecture 1 - Introduction to econometrics and econometric analysis - Part 1

Lecture 2 - Introduction to econometrics and econometric analysis - Part 2

Lecture 3 - Different steps in econometric analysis - Part 1

Lecture 4 - Different steps in econometric analysis - Part 2

Lecture 5 - Desirable properties of the estimates of the population parameters - Part 1

Lecture 6 - Desirable properties of the estimates of the population parameters - Part 2

Lecture 7 - Classical Linear Regression Model - Part 1

Lecture 8 - Classical Linear Regression Model - Part 2

Lecture 9 - Classical Linear Regression Model - Part 3

Lecture 10 - Classical Linear Regression Model - Part 4

Lecture 11 - Classical Linear Regression Model - Part 5

Lecture 12 - Goodness of fit measure, Anova and hypothesis testing - Part 1

Lecture 13 - Goodness of fit measure, Anova and hypothesis testing - Part 2

Lecture 14 - Goodness of fit measure, Anova and hypothesis testing - Part 3

Lecture 15 - Goodness of fit measure, Anova and hypothesis testing - Part 4

Lecture 16 - Goodness of fit measure, Anova and hypothesis testing - Part 5

Lecture 17 - Application of STATA for hypothesis testing and introduction to multiple linear regression model - Part 1

Lecture 18 - Application of STATA for hypothesis testing and introduction to multiple linear regression model - Part 2

Lecture 19 - Application of STATA for hypothesis testing and introduction to multiple linear regression model - Part 3

Lecture 20 - Application of STATA for hypothesis testing and introduction to multiple linear regression model - Part 4

Lecture 21 - Application of STATA for hypothesis testing and introduction to multiple linear regression model - Part 5

Lecture 22 - Multiple linear regression model and application of F statistics - Part 1

Lecture 23 - Multiple linear regression model and application of F statistics - Part 2

Lecture 24 - Multiple linear regression model and application of F statistics - Part 3

Lecture 25 - Multiple linear regression model and application of F statistics - Part 4

Lecture 26 - Multiple linear regression model and application of F statistics - Part 5

Lecture 27 - Multiple linear regression model and application of F statistics - Part 6

Lecture 28 - Structural break analysis using Chow test - Part 1

Lecture 29 - Structural break analysis using Chow test - Part 2

Lecture 30 - Structural break analysis using Chow test - Part 3

Lecture 31 - Structural break analysis using Chow test - Part 4

[Lecture 32 - Structural break analysis using Chow test - Part 5](#)

[Lecture 33 - Dummy Variable analysis and Application of Difference-inDifference for impact evaluation - Part 1](#)

[Lecture 34 - Dummy Variable analysis and Application of Difference-inDifference for impact evaluation - Part 2](#)

[Lecture 35 - Dummy Variable analysis and Application of Difference-inDifference for impact evaluation - Part 3](#)

[Lecture 36 - Dummy Variable analysis and Application of Difference-inDifference for impact evaluation - Part 4](#)

[Lecture 37 - Dummy Variable analysis and Application of Difference-inDifference for impact evaluation - Part 5](#)

[Lecture 38 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 1](#)

[Lecture 39 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 2](#)

[Lecture 40 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 3](#)

[Lecture 41 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 4](#)

[Lecture 42 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 5](#)

[Lecture 43 - Statistical analysis of Dummy Variable models and Testing for seasonal fluctuations - Part 6](#)

[Lecture 44 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 1](#)

[Lecture 45 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 2](#)

[Lecture 46 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 3](#)

[Lecture 47 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 4](#)

[Lecture 48 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 5](#)

[Lecture 49 - Relaxing the assumptions of CLRM - Multicollinearity and Autocorrelation - Part 6](#)

[Lecture 50 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 1](#)

[Lecture 51 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 2](#)

[Lecture 52 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 3](#)

[Lecture 53 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 4](#)

[Lecture 54 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 5](#)

[Lecture 55 - Relaxing the assumptions of CLRM - Autocorrelation and Heteroscedasticity - Part 6](#)

[Lecture 56 - Qualitative Response Models - Linear Probability Model, Logit and Probit Models - Part 1](#)

[Lecture 57 - Qualitative Response Models - Linear Probability Model, Logit and Probit Models - Part 2](#)

[Lecture 58 - Qualitative Response Models - Linear Probability Model, Logit and Probit Models - Part 3](#)

[Lecture 59 - Qualitative Response Models - Linear Probability Model, Logit and Probit Models - Part 4](#)

[Lecture 60 - Qualitative Response Models - Linear Probability Model, Logit and Probit Models - Part 5](#)

[Lecture 61 - Qualitative Response Models - Probit and Tobit Models - Part 1](#)

[Lecture 62 - Qualitative Response Models - Probit and Tobit Models - Part 2](#)

[Lecture 63 - Qualitative Response Models - Probit and Tobit Models - Part 3](#)

[Lecture 64 - Qualitative Response Models - Probit and Tobit Models - Part 4](#)



- Lecture 1 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 1
- Lecture 2 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 2
- Lecture 3 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 3
- Lecture 4 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 4
- Lecture 5 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 5
- Lecture 6 - Introduction to Environmental Economics and Environmental Kuznets Curve Hypothesis Part - 6
- Lecture 7 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 1
- Lecture 8 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 2
- Lecture 9 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 3
- Lecture 10 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 4
- Lecture 11 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 5
- Lecture 12 - Policy implications of Environmental Kuznets curve and Economics of sustainable development Part - 6
- Lecture 13 - Daly's Operational Principle of Sustainable Development Part - 1
- Lecture 14 - Daly's Operational Principle of Sustainable Development Part - 2
- Lecture 15 - Daly's Operational Principle of Sustainable Development Part - 3
- Lecture 16 - Daly's Operational Principle of Sustainable Development Part - 4
- Lecture 17 - Daly's Operational Principle of Sustainable Development Part - 5
- Lecture 18 - Market Failure and Coase Theorem Part - 1
- Lecture 19 - Market Failure and Coase Theorem Part - 2
- Lecture 20 - Market Failure and Coase Theorem Part - 3
- Lecture 21 - Market Failure and Coase Theorem Part - 4
- Lecture 22 - Coase Theorem and Incentive Design Part - 1
- Lecture 23 - Coase Theorem and Incentive Design Part - 2
- Lecture 24 - Coase Theorem and Incentive Design Part - 3
- Lecture 25 - Incentive Design Under Uncertainty and Effectiveness Part - 1
- Lecture 26 - Incentive Design Under Uncertainty and Effectiveness Part - 2
- Lecture 27 - Incentive Design Under Uncertainty and Effectiveness Part - 3
- Lecture 28 - Incentive Design Under Uncertainty and Effectiveness Part - 4
- Lecture 29 - Incentive Design Under Uncertainty and Effectiveness Part - 5
- Lecture 30 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 1
- Lecture 31 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 2

- Lecture 32 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 3
- Lecture 33 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 4
- Lecture 34 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 5
- Lecture 35 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 6
- Lecture 36 - Effectiveness of Incentive design and Economic valuation of Environmental goods and service Part - 7
- Lecture 37 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 1
- Lecture 38 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 2
- Lecture 39 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 3
- Lecture 40 - Qualitative Response Models- Linear Probability Model, Logit and Probit Models Part - 1
- Lecture 41 - Qualitative Response Models- Linear Probability Model, Logit and Probit Models Part - 2
- Lecture 42 - Qualitative Response Models- Linear Probability Model, Logit and Probit Models Part - 3
- Lecture 43 - Qualitative Response Models- Linear Probability Model, Logit and Probit Models Part - 4
- Lecture 44 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 4
- Lecture 45 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 5
- Lecture 46 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 6
- Lecture 47 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 7
- Lecture 48 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 8
- Lecture 49 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 9
- Lecture 50 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 10
- Lecture 51 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 11
- Lecture 52 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 12
- Lecture 53 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 13
- Lecture 54 - Economic Valuation of Environmental Goods and Services - Different Valuation Approaches Part - 14
- Lecture 55 - Natural Resources Economics and Dynamic optimization Part - 1
- Lecture 56 - Natural Resources Economics and Dynamic optimization Part - 2
- Lecture 57 - Natural Resources Economics and Dynamic optimization Part - 3
- Lecture 58 - Natural Resources Economics and Dynamic optimization Part - 4
- Lecture 59 - Natural Resources Economics and Dynamic optimization Part - 5
- Lecture 60 - Natural Resources Economics and Dynamic optimization Part - 6
- Lecture 61 - Dynamic Optimization and Renewable Resources Part - 1
- Lecture 62 - Dynamic Optimization and Renewable Resources Part - 2
- Lecture 63 - Dynamic Optimization and Renewable Resources Part - 3
- Lecture 64 - Dynamic Optimization and Renewable Resources Part - 4

[Lecture 65 - Dynamic Optimization and Renewable Resources Part - 5](#)

[Lecture 66 - Optimum extraction of renewable resources and Tragedy of Commons Part - 1](#)

[Lecture 67 - Optimum extraction of renewable resources and Tragedy of Commons Part - 2](#)

[Lecture 68 - Optimum extraction of renewable resources and Tragedy of Commons Part - 3](#)

[Lecture 69 - Optimum extraction of renewable resources and Tragedy of Commons Part - 4](#)

[Lecture 70 - Optimum extraction of renewable resources and Tragedy of Commons Part - 5](#)

[Lecture 71 - Optimum extraction of renewable resources and Tragedy of Commons Part - 6](#)

[Lecture 72 - Optimum extraction of renewable resources and Tragedy of Commons Part - 7](#)

Lecture 1 - Introduction to Spatial Data Analysis

Lecture 2 - Spatial Patterns and Data Generating Process

Lecture 3 - Spatial Data Structures

Lecture 4 - A short exercise: Land Use Land Cover Analysis

Lecture 5 - A general spatial data model

Lecture 6 - Spatial Statistics: measures of variation; spatial random function

Lecture 7 - Entropy - I

Lecture 8 - Entropy - II

Lecture 9 - Spatial Entropy - I

Lecture 10 - Spatial Entropy - II

Lecture 11 - Introduction to Spatial Autocorrelation

Lecture 12 - Spatial Autocorrelation Implications for Inference - II

Lecture 13 - Spatial Autocorrelation Implications for Inference - II

Lecture 14 - Spatial Autocorrelation Implications for Inference - 2-D Example

Lecture 15 - Spatial Autocorrelation Implications for Inference - Monte Carlo Simulations

Lecture 16 - Exploratory Spatial Data Analysis

Lecture 17 - Exploratory Spatial Data Analysis: Example of Groundwater Data

Lecture 18 - Stationarity in Spatial Statistics

Lecture 19 - Stationarity in Spatial Statistics: Example of Groundwater Data

Lecture 20 - Spatial Dependence

Lecture 21 - Variogram and Semivariogram

Lecture 22 - Covariogram and Correlogram

Lecture 23 - The experimental variogram

Lecture 24 - The experimental variogram on an irregular lattice

Lecture 25 - Variogram estimation

Lecture 26 - Variogram model fitting

Lecture 27 - Variogram model fitting

Lecture 28 - Non-stationary spatial domains

Lecture 29 - Spatial interpolation and Kriging

Lecture 30 - Spatial Regression Analysis

Lecture 31 - Spatial Regression Analysis

- Lecture 32 - Spatial dependence in a regression model
- Lecture 33 - Spatial dependence in a regression model
- Lecture 34 - Generalized least squares estimation in the presence of spatial dependence
- Lecture 35 - Spatial weights matrix
- Lecture 36 - Causal Inference in spatial regression models
- Lecture 37 - Endogenous effects in a spatial regression model
- Lecture 38 - Spatially lagged variables in regression models
- Lecture 39 - Spatially lagged variables in regression models
- Lecture 40 - LISA statistics
- Lecture 41 - Lagrange Multiplier Test for Spatial Regression Model
- Lecture 42 - Exploratory Analysis of Groundwater Level Data in ArcGIS Pro
- Lecture 43 - Raster data in ArcGIS Pro
- Lecture 44 - Computing experimental variograms in R - I
- Lecture 45 - Computing experimental variograms in R - II
- Lecture 46 - Fitting model variograms in R
- Lecture 47 - Kriging and cross-validation in R
- Lecture 48 - Spatial linear regression in R - I
- Lecture 49 - Spatial linear regression in R - II



- Lecture 1 - Introduction
- Lecture 2 - Stylized facts of Innovation
- Lecture 3 - Innovation in the History of Economic Thought
- Lecture 4 - Types of Innovation - I
- Lecture 5 - Types of Innovation - II
- Lecture 6 - Types of Innovation - III
- Lecture 7 - Revisiting Some Key Concepts
- Lecture 8 - Innovation Models
- Lecture 9 - An Innovative Firm
- Lecture 10 - An Innovative Firm in History
- Lecture 11 - Market Structure: An Introduction
- Lecture 12 - Innovation and Market Structure - I
- Lecture 13 - Innovation and Market Structure - II
- Lecture 14 - Innovation and Market Structure - III
- Lecture 15 - Innovation and Firm Size
- Lecture 16 - R&D in Indian Industry
- Lecture 17 - National Innovation System - I
- Lecture 18 - Basics of IPRs
- Lecture 19 - Internationalization of Patents
- Lecture 20 - Economics of Patents
- Lecture 21 - Universities in the NIS
- Lecture 22 - Foreign Direct Investment (FDI): Concept and Definition
- Lecture 23 - Theories explaining FDI
- Lecture 24 - Market for Technology - I
- Lecture 25 - Market for Technology - II
- Lecture 26 - Innovation and Employment - I
- Lecture 27 - Innovation and Employment - II
- Lecture 28 - Innovation and Development - I
- Lecture 29 - Innovation and Development - II
- Lecture 30 - Diffusion of innovation - 1
- Lecture 31 - Diffusion of innovation - 2

[Lecture 32 - Innovation in Service Sector - I](#)

[Lecture 33 - Innovation in Service Sector - II](#)

[Lecture 34 - Science, Technology, and Innovation Policy - I](#)

[Lecture 35 - Science, Technology, and Innovation Policy - II](#)

[Lecture 36 - Science, Technology, and Innovation Policy - III](#)

**NPTEL : NOC:Principles of Economics (Economics)**

**Co-ordinators : Prof. Sabuj Kumar Mandal**

Lecture 1 - Ten Principles of Economics - Part 1

Lecture 2 - Ten Principles of Economics - Part 2

Lecture 3 - Ten Principles of Economics - Part 3

Lecture 4 - Ten Principles of Economics - Part 4

Lecture 5 - Thinking like an Economist; Interdependence and the gains from Trade - Part 1

Lecture 6 - Thinking like an Economist; Interdependence and the gains from Trade - Part 2

Lecture 7 - Thinking like an Economist; Interdependence and the gains from Trade - Part 3

Lecture 8 - Thinking like an Economist; Interdependence and the gains from Trade - Part 4

Lecture 9 - Market forces of Supply and Elasticity - Part 1

Lecture 10 - Market forces of Supply and Elasticity - Part 2

Lecture 11 - Market forces of Supply and Elasticity - Part 3

Lecture 12 - Market forces of Supply and Elasticity - Part 4

Lecture 13 - Market forces of Supply and Elasticity - Part 5

Lecture 14 - Application of elasticity:Supply, Demand and Government policies - Part 1

Lecture 15 - Application of elasticity:Supply, Demand and Government policies - Part 2

Lecture 16 - Consumer and producer surplus; cost of taxation and international trade - Part 1

Lecture 17 - Consumer and producer surplus; cost of taxation and international trade - Part 2

Lecture 18 - Consumer and producer surplus; cost of taxation and international trade - Part 3

Lecture 19 - Consumer and producer surplus; cost of taxation and international trade - Part 4

Lecture 20 - Consumer and producer surplus; cost of taxation and international trade - Part 5

Lecture 21 - Externalities and cost of production - Part 1

Lecture 22 - Externalities and cost of production - Part 2

Lecture 23 - Externalities and cost of production - Part 3

Lecture 24 - Externalities and cost of production - Part 4

Lecture 25 - Externalities and cost of production - Part 5

Lecture 26 - Externalities and cost of production - Part 6

Lecture 27 - Competitive market and Monopoly market - Part 1

Lecture 28 - Competitive market and Monopoly market - Part 2

Lecture 29 - Competitive market and Monopoly market - Part 3

Lecture 30 - Competitive market and Monopoly market - Part 4

Lecture 31 - Game theory and oligopoly, Measures national income, measuring cost of living - Part 1

[Lecture 32 - Game theory and oligopoly, Measures national income, measuring cost of living - Part 2](#)

[Lecture 33 - Game theory and oligopoly, Measures national income, measuring cost of living - Part 3](#)

[Lecture 34 - Game theory and oligopoly, Measures national income, measuring cost of living - Part 4](#)

[Lecture 35 - Production and growth; Saving, Investment and the financial system - Part 1](#)

[Lecture 36 - Production and growth; Saving, Investment and the financial system - Part 2](#)

[Lecture 37 - Production and growth; Saving, Investment and the financial system - Part 3](#)

[Lecture 38 - The monetary system - Part 1](#)

[Lecture 39 - The monetary system - Part 2](#)

[Lecture 40 - Money Growth and inflation - Part 1](#)

[Lecture 41 - Money Growth and inflation - Part 2](#)

[Lecture 42 - Application of theory - Part 1](#)

[Lecture 43 - Application of theory - Part 2](#)

[Lecture 44 - Application of theory - Part 3](#)

[Lecture 45 - Application of theory - Part 4](#)

[Lecture 46 - Application of theory - Part 5](#)

[Lecture 47 - Application of theory - Part 6](#)

Lecture 1 - Health Economics: Overview, Structure, and Beneficiaries

Lecture 2 - Concepts and Terminologies in Health Economics

Lecture 3 - Health as an Economic Good

Lecture 4 - Economics of Health v/s Economics of Healthcare

Lecture 5 - Arrow's Perspective of Healthcare

Lecture 6 - Utility and Health

Lecture 7 - Demand for Health care

Lecture 8 - Demand for Health: Grossman model - I

Lecture 9 - Demand for Health: Grossman model - II

Lecture 10 - Grossman model and Health disparities

Lecture 11 - Physicians as Health Provider - I

Lecture 12 - Physicians as Health Provider - II

Lecture 13 - Hospitals as Health Provider

Lecture 14 - Production and Costs of Health Care

Lecture 15 - Profit and Non-profit Maximization Models in Health care

Lecture 16 - Equity in Healthcare

Lecture 17 - Equity and Redistribution: Theory

Lecture 18 - Equity in Health Financing

Lecture 19 - Equity in Distribution

Lecture 20 - Equity Measurement: A Practical

Lecture 21 - Health Care Financing

Lecture 22 - Uncertainty and Risk: Health Insurance - I

Lecture 23 - Uncertainty and Risk: Health Insurance - II

Lecture 24 - Information Economics in Health: Moral Hazard

Lecture 25 - Information Economics in Health: Adverse Selection

Lecture 26 - Introduction of Behavioral Economics

Lecture 27 - Expected Utility Theory

Lecture 28 - Prospect Theory

Lecture 29 - Nudge Theory

Lecture 30 - Time Inconsistency and Health: Discounting

Lecture 31 - Health Systems

- Lecture 32 - Tax and Social Health Insurance Mechanism - I
- Lecture 33 - Tax and Social Health Insurance Mechanism - II
- Lecture 34 - Private Financing Mechanisms
- Lecture 35 - Health Systems Around the World
- Lecture 36 - Theoretical Foundations of Economic Evaluation - I
- Lecture 37 - Theoretical Foundations of Economic Evaluation - II
- Lecture 38 - Principles of Economic Evaluation: Introduction
- Lecture 39 - Principles of Economic Evaluation: CMA, CCA, Cost-Benefit Analysis (CBA)
- Lecture 40 - Principles of Economic Evaluation: Cost-Effectiveness Analysis (CEA)
- Lecture 41 - Principles of Economic Evaluation: Cost-Utility Analysis (CUA)
- Lecture 42 - Monetary Valuation of Health
- Lecture 43 - Non-monetary Valuation of Health: QALY
- Lecture 44 - Non-monetary Valuation of Health: DALY and HLYE
- Lecture 45 - Costing, Discounting and Evaluation under Uncertainty
- Lecture 46 - Markov modelling and Sensitivity analysis in Healthcare
- Lecture 47 - Concepts of Productivity and Efficiency
- Lecture 48 - Data Envelopment Analysis: Introduction
- Lecture 49 - Data Envelopment Analysis: CCR Model
- Lecture 50 - Data Envelopment Analysis: BCC Model
- Lecture 51 - Introduction to DEAP Software
- Lecture 52 - Application of DEA in Healthcare Using DEAP
- Lecture 53 - Data in Health: Sources and Indicators - I
- Lecture 54 - Data in Health: Sources and Indicators - II
- Lecture 55 - Econometric Modelling in Health
- Lecture 56 - Health Data Handling Packages: Open Source
- Lecture 57 - Health Data Handling Packages: Licensed
- Lecture 58 - Introduction to Public Health
- Lecture 59 - Healthcare Provisioning and Responsiveness
- Lecture 60 - Indian Health System and Challenges

Lecture 1 - Evolution and Growth of Labour Economics

Lecture 2 - Overview of the Labour Market - I

Lecture 3 - Overview of the Labour Market - II

Lecture 4 - Overview of the Labour Market - III

Lecture 5 - Labour Supply - I

Lecture 6 - Labour Supply - II

Lecture 7 - Labour Supply - III

Lecture 8 - Labour Supply - IV

Lecture 9 - Labour Demand - I

Lecture 10 - Labour Demand - II

Lecture 11 - Labour Demand - III

Lecture 12 - Labour Demand - IV

Lecture 13 - Labour Demand - V

Lecture 14 - Labour Market Equilibrium - I

Lecture 15 - Labour Market Equilibrium - II

Lecture 16 - Labour Market Equilibrium - III

Lecture 17 - Labour Market Equilibrium - IV

Lecture 18 - Labour Market Equilibrium - V

Lecture 19 - Labour Market Equilibrium - VI

Lecture 20 - Labour Market Equilibrium - VII

Lecture 21 - Labour Market Equilibrium - VIII

Lecture 22 - Human Capital - I

Lecture 23 - Human Capital - II

Lecture 24 - Human Capital - III

Lecture 25 - Human Capital - IV

Lecture 26 - Wage Differentials - I

Lecture 27 - Wage Differentials - II

Lecture 28 - Wage Differentials - III

Lecture 29 - Wage Structure - I

Lecture 30 - Wage Structure - II

Lecture 31 - Labour Market Discrimination - I

[Lecture 32 - Labour Market Discrimination - II](#)

[Lecture 33 - Labour Market Discrimination - III](#)

[Lecture 34 - Labour Mobility - I](#)

[Lecture 35 - Labour Mobility - II](#)

[Lecture 36 - Unemployment - I](#)

[Lecture 37 - Unemployment - II](#)

[Lecture 38 - Unemployment - III](#)

[Lecture 39 - Labour Market Dynamics in India - I](#)

[Lecture 40 - Labour Market Dynamics in India - II](#)