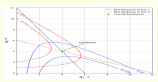


# Preparatory program for Higher studies in Economics

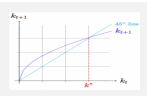
It is a rigorous program with a focus on problem-solving. It is recommended for students who are interested in pursuing a Master's or PhD in Economics, have a strong high school math background, are curious to learn, and enjoy problem-solving. A background in Economics is not necessary to join the program.

## Microeconomics



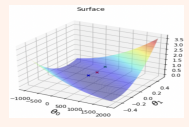
- Consumer Theory
- Producer Theory
- General equilibrium
  - Pure Exchange Economy
  - Production Economy
  - Economy with Externalities
  - Economy with Public goods
- Perfect Competition
- Monopoly
- Discriminating Monopoly
- Game Theory
  - Static games
  - Dynamic games
  - Bayesian games
- Expected Utility & Risk Aversion
- Adverse Selection & Moral Hazard

## Macroeconomics



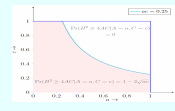
- Goods Market - IS Curve
- Money Market - LM Curve
- Aggregate Demand
- Aggregate Supply
- Solow Model

## Mathematics



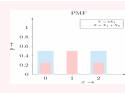
- Sets & Logic
- Relations & Functions
- Visualization of Sets & Functions
- Limit
- Continuity
- Differentiability
- Integration
- Open Sets, Closed sets
- Bounded sets, Compact Sets
- Sequences & Series
  - Convergence & Divergence
- Multivariable functions
- Concavity & Convexity
- Quasiconcavity & Quasiconvexity
- Linear Algebra
- Unconstrained Optimization
- Constrained Optimization with Equality Constraint
- Constrained Optimization with Inequality Constraints
- Mathematics with

## Probability



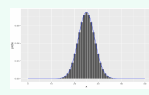
- Probability
- Conditional Probability
- Discrete Random Variables
- Continuous Random Variables
- Joint Distributions
- Statistical Inequalities
- Law of Large Numbers
- Central Limit theorem
- Probability with

## Statistics



- Point Estimation - Eg: MLE
- Interval Estimation - Confidence Intervals
- Hypothesis Testing
- Statistics with

## Econometrics



- Linear & Logistic Regression
- Econometrics with

## Course Info

Instructor	Amit Goyal
Mode of Teaching	Online
Start Date	14th June 2026
Total meeting hours	around 100 hours
Frequency of meetings	Almost twice a week (2-3 hours per week)
Fees	INR 80000

## Inclusion in program

- Test Series
- Discussion Forum

## Free Resources

Video Lectures in Economics and Mathematics. [Click](#) to view.

## To apply



<https://www.econschool.in/apply/preparatory-program>

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