

LESSON PLAN, 2022-23
ECONOMICS HONOURS (ECO A)
SEMESTER 4

Core Course 8: INTERMEDIATE MICROECONOMICS – II

TOPIC	NUMBER OF CLASSES
KN Market Structure: Oligopoly and Strategic Behaviour of Firms <ul style="list-style-type: none"> • Conjunctural Variation and Reaction function 3 • Cournot Model 4 • Stackelberg Model 3 • Kinked Demand curve: price stickiness 1 • Collusive oligopoly: Cartels and mergers 4 • Price Leadership model 3 • Prisoners' dilemma in cartel stability 2 • Nash equilibrium 3 Tutorial Market Failure <ul style="list-style-type: none"> • Externalities 3 • Public good 3 • Market with asymmetric information 3 • Moral hazard 1 • Adverse selection 1 • Market for lemons 3 Tutorial 3	
DB General Equilibrium ,Efficiency and Welfare <ul style="list-style-type: none"> • General equilibrium 2 • Efficiency and welfare 3 • Equilibrium and efficiency under pure exchange and production 2 • Conditions of Pareto Optimality 5 • Overall efficiency and welfare economics 2 Tutorial 3	
IC: Input markets: <ul style="list-style-type: none"> • Derived demand for a single input & multiple input : in competitive market 3 • In imperfectly competitive market 	

<ul style="list-style-type: none"> • Firm Demand , Industry Demand • Supply of input in competitive and imperfectly competitive market • Equilibrium in competitive and imperfectly competitive market • Adding up Problem • Collective Bargaining and Exploitation • Rent & Quasi Rent 	2 2 2 2 3 3 4
Tutorials	4
Other activities	5
TOTAL CREDIT	90

Core Course 9: INTERMEDIATE MACROECONOMICS – II

TOPIC	NUMBER OF CLASSES
DB: Economic Growth: <ul style="list-style-type: none"> • Harrod Domar Model • Solow model • Golden rule of capital accumulation • Technological progress • Elements of endogenous growth 	5 4 5 4 5 4
Tutorials	4
IC:	
SB: Microeconomic Foundations a. Consumption: Keynesian consumption function <ul style="list-style-type: none"> • Fisher's theory of optimal intertemporal choice; life-cycle • Duesenberry's relative income hypothesis • Permanent income hypotheses • rational expectations • random-walk of consumption expenditure c. Demand for money: <ul style="list-style-type: none"> • Transaction demand for money, Precautionary demand for money, Speculative demand for money • The Regressive Expectations Model • The portfolio balance approach 	2 3 4 3 1 2 2

<ul style="list-style-type: none"> The Baumol-Tobin models of Cash Management Money as a consumer's and producer's good. 	5 5 4 2
Tutorial	7
RR: School of Macroeconomic Thoughts <ul style="list-style-type: none"> Mercantilism, Physiocracy, Classicals, Keynesian, Neo- Keynesian 	9
Tutorial	2
Other activities	5
TOTAL CREDIT	90

Core Course 10: STATISTICAL METHODS FOR ECONOMICS-II

TOPIC	NUMBER OF CLASSES
RR: Introduction and Overview <ul style="list-style-type: none"> Distinction btw population & sample, btw parameter & statistic Measures to describe and summarize data Population moments and their sample counterpart 	3 2 4
Elementary Probability Theory <ul style="list-style-type: none"> Random variables, sample space and events Probability axioms & properties, counting techniques Permutation & combination Conditional probability & Bayes theorem Independence 	2 5 3 3 1 5
Tutorial	
KN: Random Sampling and Probability Distribution <ul style="list-style-type: none"> Defining random variables, probability distributions Properties of discrete and continuous distributions Expected values of random variables 	1 1
Concepts of some special Distributions <ul style="list-style-type: none"> Uniform distribution Binomial distribution Poisson Distribution Hypergeometric distribution 	1 2 1 1

<ul style="list-style-type: none"> • Rectangular distribution • Normal distribution • Beta distribution • Gamma distribution • Chi-square distribution • t distribution • F distribution 	1 2 1 1 1 1 1 3
Tutorial	
SB: Random Sampling and Jointly Distributed Random Variables <ul style="list-style-type: none"> • Properties of distribution functions, mass functions and density functions for jointly distributed random variables • Computation of expected values • Covariance • Correlation coefficients Sampling <ul style="list-style-type: none"> • Principal steps in a sample survey • methods of sampling • the role of sampling theory • Distributions of sample mean and sample variance • properties of random samples 	2 2 2 3 1 1 1 5 2 4
Tutorial	
IC: Introduction to Statistical Inference <ul style="list-style-type: none"> • Point Estimation • Interval estimation • Confidence Intervals for Population Parameters • Estimation of population parameters using methods of moments and maximum likelihood procedure 	2 3 3 5 3
Tutorials	
Other activities	5
TOTAL CREDIT	90

