

Course Name: Generic Elective for BA(Hons) & Bcom(Hons) Semester II

Paper Name: Introductory Macroeconomics

Teacher

Name Dr Loveleen Gupta

Apr-Aug 2022

<i>Week</i>	<i>Unit</i>	<i>Topic</i>	<i>References</i>
Week 1	I	basic issues studies in macroeconomics, circular flow of income, role of assumptions in macroeconomics	Abel et al (2014) Chapter 1
Week 2	I	measurement of gross domestic product by product, income and expenditure methods	Abel et al (2014) Chapter 2
Week 3	I	real versus nominal GDP, price indices, national income accounting for open economy	Abel et al (2014) Chapter 2
Week 4	I	balance of payments accounts, current and capital accounts and its components, BOP trends and components in Indian national accounts statistics	Abel et al (2014) Chapter 5.1
Week 5	II	Money concept and functions, how money is controlled and measured; Quantity theory of money, relation between money supply and inflation	Mankiw (2013) Sections 4.1 and 5.1
Week 6	II	money demand, money market equilibrium, credit creation by banks, money multiplier	Blanchard (2006) Chapter 4
Week 7	III	Seigniorage, Fisher Effect, Costs of Inflation, Hyperinflation, classical dichotomy	Mankiw (2013) Sections 5.2-5.7
Week 8	III	debt monetization, relation between seigniorage inflation and money growth, inflation tax, Tanzi-Olivera effect, stabilization policies	Blanchard (2006) Chapter 23
Week 9	III	inflation in India-recent trends and drivers; inflation targeting, exchange rate and impossible trinity	Parha Ray (2013); Latest Economic Survey (Chapter-Inflation)
Week 10	IV	measurement of macroeconomic variables, GDP, national income, personal and disposable income, identities, price indices	Froyen (2013) Chapter 2
Week 11	IV	classical approach: determination of output and employment in labor market	Froyen (2013) Chapter 3

Week 12	IV	Consumption, Investment and Saving, Goods market equilibrium, multiplier	Dornbusch et al (2017); Chapter 9
Week 13	IV	government sector and tax multiplier, income taxes as automatic stabilizer, effect of change in fiscal policy	Dornbusch et al (2017); Chapter 9
Week 14	IV	IS curve algebraic and graphical derivation, slope and position of IS curve, role of multiplier	Dornbusch et al (2017); Chapter 10
Week 15	IV	LM curve algebraic and graphical derivation, slope and position of LM curve, general equilibrium, Aggregate Demand derivation from IS-LM functions	Dornbusch et al (2017); Chapter 10
Week 16	IV	effect of monetary and fiscal policy on general equilibrium, transmission mechanism, liquidity trap, classical case, crowding out effect, policy mix	Dornbusch et al (2017) Chapter 11.1-11.3

Course Name: **BCom(P) Semester VI**
 Paper Name: *Principles of Macroeconomics*
 Teacher

Name Dr Loveleen Gupta

Jan-May 2022

Week	Unit	Topic	References
Week 1	I	What is macroeconomics? Macroeconomic issues in an economy.	Case and Fair, Principles of Economics
Week 2	I	Macroeconomic Policies, Real GDP	Case and Fair, Principles of Economics
Week 3	II	National Income Accounting	Case and Fair, Principles of Economics
Week 4	II	Concepts of GDP and National Income; measurement of national income and related aggregates;	Case and Fair, Principles of Economics
Week 5	II	nominal and real income; limitations of the GDP concept.	Case and Fair, Principles of Economics
Week 6	II	Numericals on NIA	Case and Fair, Principles of Economics
Week 7	III	Actual and potential GDP; aggregate expenditure	Case and Fair, Principles of Economics
Week 8	III	concepts of MPS, APS, MPC, APC; autonomous expenditure	Case and Fair, Principles of Economics
Week 9	III	consumption function; investment function	Case and Fair, Principles of Economics
Week 10	III	equilibrium GDP; Concept of multiplier.	Case and Fair, Principles of Economics
Week 11	IV	Fiscal Policy: impact of changes in government expenditure and taxes;	Case and Fair, Principles of Economics
Week 12	IV	net exports function;	Case and Fair, Principles of Economics
Week 13	IV	net exports and equilibrium national income.	Case and Fair, Principles of Economics
Week 14	V	Concept of money in a modern economy; monetary aggregates; demand for money;	Case and Fair, Principles of Economics
Week 15	V	quantity theory of money; liquidity preference and rate of interest;	Case and Fair, Principles of Economics
Week 16	V	money supply and credit creation; monetary policy.	Case and Fair, Principles of Economics

Course Name: **BA(P) Semester VI**

Paper Name: *Basic Computational Techniques for Data Analysis*

Teacher

Name Dr Loveleen Gupta

Jan-May 2022

Week	Unit	Topic	References
Week 1	I	Introduction to MS Excel: Spreadsheet basics and inputting of data	MS EXCEL 2010 manual
Week 2	I	Inputting data; Selecting data; Multiplication, Division and Addition Formatting Cells;	MS EXCEL 2010 manual
Week 3	I	Hide/unhide columns; Sorting Data; Filtering Data;	MS EXCEL 2010 manual
Week 4	I	Freezing and Unfreezing Headers; AUTO SUM and SUMIF commands;	MS EXCEL 2010 manual
Week 5	I	Pivot Tables; Line Graph, Column Chart, Histogram, Pie Chart and Scatter Plot.	MS EXCEL 2010 manual
Week 6	II	Measures of Central Tendency - Mean, Median and Mode; Arithmetic Mean, Geometric Mean and Harmonic Mean	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 7	II	Measures of Dispersion- – Standard Deviation and Variance	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 8	II	Skewness, kurtosis and moments	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 9	II	Introduction to calculation of financial formulae	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 10	II	Net Present Value (NPV), Internal Rate of Return, Future Value,	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 11	II	Equated Monthly Installment (EMI), Compound Growth Rate	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 12	III	Introduction to simple Ordinary Least Squares (OLS) (i.e. only one	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition

		explanatory variable); Testing hypotheses related to regression coefficients;	
Week 13	III	Goodness of fit (R^2); Reporting the estimation results	P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition
Week 14	IV	Introduction to economic and business data sets available in the public domain,	Planningcommission.com
Week 15	IV	the NSE, BSE, RBI, MOSPI, World Bank, UN, etc.	Planningcommission.com
Week 16	V	Preparation of a project report based on data available in the public domain	RBI, Planning commission, RBI datasets