

## KU2DSCSSE105: INTRODUCTORY MACRO ECONOMICS

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	DSC-Major	100-199	KU2DSCSSE105	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

### Course Description:

This course introduces the essence of macroeconomics and national income accounting, and delving into macroeconomic phenomena such as unemployment, inflation, and economic growth. It is also designed to introduce the students classical and Keynesian theories, and comprehend the intricacies of national income measurement and also familiarises basic analytical tools to understand various macroeconomic variables and their interactions.

### Course Prerequisite: NIL

### Course Outcomes:

CO No.	Expected Outcome	Learning Domains
1	Recall the definitions of key macroeconomic concepts such as GDP, GNP, inflation, and unemployment. Memorize the formulas and methods used in national income accounting.	R
2	Understand the relationships between different macroeconomic variables and concepts and the differences between microeconomics and macroeconomics	U
3	Apply various measurement methods (value-added, income, expenditure) to calculate national income and GDP and use macroeconomic theories to analyse and interpret economic data	A
4	Analyse the causes and consequences of macroeconomic issues such as unemployment, inflation	An
5	Evaluate any changes in macroeconomic variables from Keynesian and classical perspective and make interpretation	E

*\*Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

### Mapping of Course Outcomes to PSOs

CO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
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CO 1	✓				✓		
CO 2	✓	✓					
CO 3	✓	✓	✓				
CO 4	✓	✓			✓		
CO 5	✓	✓					

## COURSE CONTENTS

### Contents for Classroom Transaction:

<b>M O D U L E</b>	<b>U N I T</b>	<b>DESCRIPTION</b>	<b>HOURS</b>
<b>1</b>	<b>INTRODUCTION TO MACRO ECONOMICS</b>		<b>10</b>
	1	What is macroeconomics?	1
	2	Difference between micro and macro economics	1
	3	Concepts in Macro economics	
		a) stock and flow variables, endogenous and exogenous variables, ex-ante and ex-post variables	3
		b) equilibrium and disequilibrium, partial and general equilibrium, static, comparative and dynamic equilibrium.	3
	4	Major macroeconomic issues - unemployment, output and income determination, inflation, business cycle and economic growth.	2
<b>2</b>	<b>BASIC CONCEPTS OF NATIONAL INCOME ACCOUNTING</b>		<b>13</b>
	1	Introduction to National Income accounting, SNA approach	1
	2	Concepts in national income accounting	3
		a) Concepts of GNP, GDP, NNP, GVA and NDP at market price and at factor cost.	
		b) Personal income and disposable income	1
		c) Real versus Nominal GDP	1
		d) GDP Deflater and its significance.	1
	3	Measuring the value of Economic Activity -. Value Added Method, income method and Expenditure Method.	4
	4	Circular flow of income in a four-sector model (Algebraic solutions may be applied to various concepts and methods)	2
<b>3</b>	<b>CLASSICAL APPROACH TO MACROECONOMICS</b>		<b>15</b>

	1	The Classical Pillars: Say's law, wage-price flexibility, interest rate flexibility	7
	2	Classical Dichotomy and neutrality of money	3
	3	Equilibrium output and employment: labour demand, labour supply and labour market equilibrium	7
	4	The classical quantity theory of money	3
<b>4</b>	<b>KEYNESIAN APPROACH TO MACRO ECONOMICS</b>		<b>12</b>
	1	The simple Keynesian model: The components of aggregate demand: consumption, investment, government spending and taxes	3
	2	Role of effective demand in Keynesian model of determining equilibrium employment and output	2
	3	Components of Aggregate supply and aggregate demand and equilibrium in two sector model	4
	4	Investment multiplier, government expenditure multiplier, balanced budget multiplier	2
	5	Determination of equilibrium income in three and four sector model	1
<b>5</b>	<b>TEACHER SPECIFIC MODULE</b>		<b>10</b>
	<i>Directions</i>		
	This module can be allotted to provide mathematical base to the students to solve problems related to calculation of various methods of income, multiplies, investment, saving etc..		10

#### Essential Readings:

1. Mankiw, N. Gregory, "macroeconomics." (2006) Worth Publishers
2. Mukherjee, Sampat. *Analytical macroeconomics: from Keynes to Mankiw*. New Central Book Agency (P) Ltd, 2021.
3. Mukherjee, Sampat. *Macro economics A global Text*. New Central Book Agency (P) Ltd, 2013
4. Dwivedi, D.N. (2006) *Macro Economics – Theory & Policy*, Tata McGraw Hill Publishing Company Micro-economics Theory & Application Pearson.
5. List Stonier, A.W. and Hague, D.C. : *A Textbook of Economic Theory*, Longman Group, London
6. Mankiw, N.G.: *Elementary Macroeconomics*, Worth Publishers, 7th edition, 2010.
7. System of National Accounts 2008 - 2008 SNA-  
[https://unstats.un.org/unsd/nationalaccount/sna2008.asp#:~:text=The%20System%20of%20National%20Accounts,%2C%201993%20\(1993%20SNA\).](https://unstats.un.org/unsd/nationalaccount/sna2008.asp#:~:text=The%20System%20of%20National%20Accounts,%2C%201993%20(1993%20SNA).)

#### Reference Distribution:

Module	Unit	Reference No.	Remarks
<b>1</b>	1	<b>Essential Reading:1</b>	
	2	<b>Essential Reading: 4</b>	
	3- a)	<b>Essential Readings:4,8</b>	

	3- b)	Essential Reading 4	
	4	Essential Reading 3	
2	1	Essential Reading 7	
	2 a)	Essential Readings 3,4	
	2 b)	Essential Reading 3	
	2 c)	Essential Readings 3,6	
	2 d)	Essential Reading 6	
	3	Essential Reading 3	
	4	Essential Readings 1,2	
3	1	Essential Reading 3	--
	2	Essential Reading 3	--
	3	Essential Readings 3,4	
	4	Essential Readings 3,1	
4	1	Essential Readings 1,3	--
	2	Essential Reading 3	--
	3	Essential Readings 1,3	
	4	Essential Reading 1	
	5	Essential Readings 1,3	--

#### Suggested Readings:

- 1 List Stonier, A.W. and Hague, D.C. : A Textbook of Economic Theory, Longman Group, London
- 2 Mankiw, N.G.: Elementary Macroeconomics, Worth Publishers, 7th edition, 2010.
- 3 Errol D'Souza, Macroeconomics, Pearson Education, 2009.
- 4 Mankiw, N. G. *Principles of economics*. Cengage Learning, 2021.

#### Assessment Rubrics:

Evaluation Type		Marks
End Semester Evaluation		<b>70</b>
Continuous Evaluation		<b>30</b>
a)	Test Paper- 1	6
b)	Test Paper-2	6
c)	Assignment	9
d)	Seminar/Debate	5
e)	Book/ Article Review	-
f)	Viva-Voce/Quiz	4
g)	Field Report	-

<b>Total</b>	<b>100</b>
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