

## **MONEY AND PRICES**

An integration of monetary and value theory

by Milind Desai Thesis submitted to the Faculty of Gokhale Institute of Politics and Economics, Pune in partial fulfillment of the requirements for the degree of Masters of Arts in Economics 2006

> Advisory committee: Prof. Dr. Rajas Parchure, Chair Prof. Dr. Romar Correa Shri. Rupayan Pal

X610bX:76 P6 265692

#### Abstract:

The basic aim of this thesis is to provide a concise integration of monetary and value theory. The classical and the neoclassical strands of the literature present this picture in their own constructs and their relative failures provides the motivation for this work. We deviate from the mainstream idea of utility and general equilibrium frameworks as one of the basic assumption on which the general equilibrium framework rests is perfect substitutability between all the commodities in the economy which we feel is highly restrictive an assumption. We draw heavily on the work initiated by Piero Sraffa in 1926 and onwards. We hope to provide a simplified synthesis of the theory of money and value. ©Copyright by

Milind Desai

2006

3

### ACKNOWLEDGEMENTS.

I am thankful to Gokhale Institute of Politics and Economics for allowing me to work on the thesis titled "Money and Prices- An integration of Monetary and Value Theory"

I am thankful to my guide Dr. Rajas Parchure for providing such a ingenious topic to work on and helping me throughout the course of this thesis. It would be worthy to mention that without his guidance, this thesis would not have been possible. I am also thankful to other committee members Dr. Romar Correa and Shri. Rupayan Pal for their valuable and timely inputs.

I would like to thank Shri. Pradeep Apte for his thoughts and outlook. I take this opportunity to thank Prof. Ajit Sinha for sharing his valuable opinion on this work. I would like to thank the M.A. coordinator Dr. Siddharta Mitra for providing me adequate infrastructure and making the process smooth.

Lastly I would like to thank my fellow batch mate Ashish Kulkarni who helped me with MATLAB.

Milind Desai.

# **TABLE OF CONTENTS**

## LIST OF TABLES

CHAPTER 1	Introduction and motivation.	7
CHAPTER 2	An excursion into the literature.	9
CHAPTER 3	An alternative theory of Value.	22
CHAPTER 4	A commodity Money.	29
CHAPTER 5	The role of Fiat Money.	37
CHAPTER 6	Fiat Money.	43
CHAPTER 7	Nonneutrality of Money	52
APPENDIX		57
REFERENCES.		60

# List of tables.

Table number	Title	
1.	Results of a four good economy with commodity money	
2.	A commodity money economy with non zero propensity to consume of workers	
3.	A general System	
4.	Fiat money without households demand for money	
5A and 5B.	A five good economy	
6.	Three good economy to study implicit variables	
7A and 7B.	A six good economy and a provision of a public good	