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Address:-Ashok Yakkaldevi 258/34, Raviwar Peth, Solapur - 413 005 Maharashtra, India
Cell : 9595 359 435, Ph No: 02172372010 Email: ayisrj@yahoo.in Website: www.aygrt.isrj.org

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INFLATION AND ECONOMIC GROWTH IN INDIA

Jyoti Rani

lecturer in Govt. College for women, Rohtak.

Abstract:-Inflation is outlined as a sustained increase within the general level of costs for merchandise and services. It's measured as AN annual proportion increase. As inflation rises, each dollar you own buys a smaller proportion of a decent or service.

Inflation management is one amongst the toughest tasks AN economic policymaker must undertake. It appears, initially sight, that one will bank entirely on sensible to hold out this task. However that may be a cardinal mistake. Whereas inflation policy will need judgment and intuition, it's essential that these be insured with applied mathematics info and an understanding of theory.

Keywords: Economic ,Inflation management , merchandise and services.

INTRODUCTION

Inflation is outlined as a rise within the general level of costs within the economy. Inflation doesn't mean that costs rise equally or that each one costs area unit rising. costs of some commodities (e.g. utilities, lumber, and food) could rise or fall quicker than others attributable to variations within the magnitude and direction of changes within the provide and demand in varied markets. The rate at that the final level of costs for merchandise and services is rising, and, later on, buying power is falling. Central banks plan to stop severe inflation, together with severe deflation, in a trial to stay the excessive growth of costs to a minimum. The value of a greenback doesn't keep constant once there's inflation. the worth of a greenback is ascertained in terms of buying power, that is that the real, tangible merchandise that money should purchase. once inflation goes up, there's a decline within the buying power of cash. as an example, if the rate is two annually, then in theory a $1 pack of gum can value $1.02 in an exceedingly year. when inflation, your greenback cannot obtain a similar merchandise it may beforehand. Inflation happens attributable to associate imbalance between demand and provide of cash, changes in production and cost or increase in taxes on merchandise. once economy experiences inflation, i.e. once the value level of products and services rises, the worth of currency reduces. this suggests currently every unit of currency buys fewer merchandise and services.It has its worst impact on customers. High costs of every day merchandise create it troublesome for customers to afford even the fundamental commodities in life. This leaves them with no alternative however to arouse higher incomes. thence the govt. tries to stay inflation in restraint.

Contrary to its negative effects, a moderate level of inflation characterizes an honest economy. associate rate of two or third is useful for associate economy because it encourages folks to shop for a lot of and borrow a lot of, as a result of throughout times of lower inflation, the amount of rate conjointly remains low. thence the govt. yet because the financial organisation perpetually attempt to attain a restricted level of INFLATION.

REVIEW OF LITERATURE:

A vast body of literature is accessible on inflation, and its estimation in India. Some models follow the structural approach to inflation whereas others follow the monetarist's approach. the current paper reviews a couple of outstanding papers among them.

John (2003) used post alleviation knowledge to review the relation between financial aggregates and exchange rates. The paper utilized a Vector Autoregressive (VAR) framework to seek out out on that financial combination explains the inflation in a very higher manner. although no clear proof is found on that of the financial aggregates best explains inflation, from the volt-ampere model there's adequate reason to believe that the broad cash live (M3) is best. it's conjointly been determined that the instructive power of those variables in explaining inflation isn't high to any extent further.

Pandit, (1993), was of the read that the govt. was putting excessive stress on the demand pull factors and was over wanting the value push. The paper aforementioned that associate across the board contractionary commercial enterprise and financial policy, albeit effectively enforced, isn't an honest substitute for economical resource exercise. actually it should hurt the economy and end in stagnation, a minimum of within the short run.

In view of the very fact that the depository financial institution of India (RBI) has shifted from financial targeting to a multiple indicator approach Callan and Yangtze River, (1999), assess on that indicators give the foremost helpful data regarding future inflationary trends. The authors use a volt-ampere framework within the empirical analysis. The paper concludes that whereas the broad cash target has been de-emphasized, developments within the financial aggregates stay a vital indicator of future inflation. The rate and import costs also are relevant, significantly for inflation within the producing sector.

Srinivasan, Mahambare and Ramachandran (2006), calculable associate increased Phillips curve to look at the result of offer shocks on inflation in India. In a standard Least sq. framework it had been found that provide shocks have solely a ephemeral result on each headline inflation and core inflation. The paper concludes that financial policy in India is a lot of centered towards the core inflation.

Bishnoi and Koirala (2006), studied the strength and stability of inflation models in Asian nation a take a look at of cointegration between inflation and its instructive variables was accustomed realize the long- term relationship among them and therefore the Error Correction Mechanism (ECM) was accustomed realize the short term relationship. The results reveal that the electronic countermeasures of inflation is stable and sturdy.

Nachane and Lakshmi (2002), utilized a P-Star model in their study of dynamics of inflation in India. The paper, tried the model for India exploitation each annual and quarterly knowledge for the amount 1955-95. it's found that rate in India is trend stationary. exploitationcointegration techniques, the paper shows that it's potential to develop a model to determine inflationary pressures within the economy. The model is well graduated to knowledge, and in out-of-sample forecasts, it considerably outperforms a seasonal ARMA benchmark model. the rate gap version of the model is especially roaring.

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TYPES OF INFLATION:

There are four main varieties of inflation with four completely different causes. The term inflation is sometimes wont to indicate an increase within the general index, though one will speak of inflationary movements in any single value or cluster of costs.

The most vital inflation is termed demand-pull or excess demand inflation. It happens once the whole demand for product associate degreed services in an economy exceeds the accessible offer, that the costs for them rise in an exceedingly free enterprise. each war produces this kind of inflation as a result of demand for war materials and men grows apace while not comparable shrinkage elsewhere. alternative varieties of inflation occur a lot of without delay in conjunction with rising prices.

Another kind of inflation is termed cost-push inflation. The name suggests the cause--costs of production rise, for one reason or another, and force up the costs of finished product and services. usually an increase in wages in more than any gains parturient productivity is what raises unit prices of production and therefore raises costs. this is often less common than demand-pull,but will occur severally furthermore as in conjunction with it.

A third kind of inflation can be known as evaluation power inflation, however is a lot of oft known as administered value inflation. It happens whenever businesses generally commit to boost their costs to extend their profit margins.This doesn't occur ordinarily in recessions however once the economy is booming and sales ar robust. it would be known as oligopolistic inflation,because it's oligopolies that have the ability to line their own costs and lift them once they decide the time is ripe.

The fourth kind is termed sectoral inflation. The term applies whenever any of the opposite 3 factors hits a basic business inflicting inflation there, and since the business hit may be a major provider of the many alternative industries, as for instance steel is, or oil is, that raises prices of the industries victimization say steel or oil, and forces up costs there additionally, therefore inflation becomes a lot of widespread throughout the economy, though it originated in mere one basic sector.

TRENDS OF INFLATION IN INDIA:

DEFINITIONAL ASPECTS

Inflation is headline inflation or core inflation. Headline inflation includes the complete set of commodities within the general indicant. Core inflation doesn't take into thought commodities that have volatile costs for eg. food and fuel (Batura, 2008). Inflation is measured on (purpose/some extent/a degree) to point basis i.e compare the foremost recent indicant with the worth index at another purpose of your time typically a year past. It also can be measured as a mean rise within the costs over an amount of your time. Broadly, there are 3 measures of inflation in (India/Bharat/Asian country/Asian nation) the matter of inflation in India has been a perennial one. The WPI in Asian country throughout the last decade 1981-82 to 1991-92 rose by an annual average of 8.1%. In 1990-91, the WPI rose by 12.1% and got stuck up at double digits within the consecutive year. The anti- inflationary measuresundertaken might offer solely a brief respite and once more the costs started rising within the late 1993. Similar trends continuing for a few time till the inflation was brought right down to five-hitter in 1995- ninety six. Once more 1998-99 saw a step-up within the costs. In 2002 inflation on purpose/some extent/a degree) to point basis was as low as 1.6%. However, the upward trend resurfaced and title of respect in the mammoth referred to as inflation became a cause for concern within the year 2004 once {the purpose} to point rise in inflation was seven.7%. Towards the tip of the year 2006, the inflation was high, once that it fell steeply within the half-moon of the year 2007.

THE WHOLESALE PRICE INDEX (WPI)

WPI measures the amendment in average value of products that ar listed within the wholesalemarket. WPI was revealed for the primary time in 1902, and was one amongst the foremost economicindicators on the market to policy manufacturers. In India, value information for 435 commodities is caterpillar-tracked throughWPI that is AN indicator of movement in costs of commodities altogether trades and transactions.

The WPI series of commodities was revised for the last time in 1993-94, and has not been updated it until currently. In Asian country the WPI is compiled by the workplace of the economic adviser within theMinistry of trade. The WPI is accessible on a weekly basis with the shortest attainable wait two weeks. Since the WPI is producer's indicant it's argued by Economists that the WPI, haslost its connection and can't be the measuring device to calculate inflation. As a result headline inflationis always tracked by the buyer index. The annual rate of inflation, supported monthly WPI, stood at 1.77% (provisional) for the month of Gregorian calendar month, 2014 (over Gregorian calendar month,2013) as compared to two.38% provisional) for the previous month and seven.24% throughout the corresponding month of the previous year. Build up rate within the yr thus far was two.00% compared to a build up rate of half-dozen.23% within the corresponding amount of the previous year.

THE CONSUMER PRICE INDEX (CPI)

CPI could be a applied mathematics time-series live of a weighted average of costs of a given set of products and services purchased by customers. it's a index that tracks the costs of a given basket of goods and services, providing a live of inflation. CPI could be a mounted amount index and regarded by some as a price of living index. Under CPI, Associate in nursing index is scaled so it's adequate to a hundred at a selected purpose in time, so all alternative values of the index area unit a proportion relative to the present one. The CPI in Bharat is made for four classes :- (a) CPI for Industrial staff, (CPI-IW), (b) The CPI for Agricultural Labourers, (CPI-AL) , (c) CPI for Rural Labourers (CPI-RL) and (d) CPI for urban non manual workers (CPI-UNME). The CPIIW, CPI-AL and CPI-RL area unit free by the Labour Bureau and also the CPI-UNME is free by the Central applied mathematics Organisation (Srinivasan, 2008).

VARIATIONS ON INFLATION:

1. Deflation is once the final level of costs is falling. this is often the other of inflation.
2.Hyperinflation is remarkably fast inflation. In extreme cases, this may result in the breakdown of a nation's measure. one in all the foremost notable samples of hyperinflation occurred in FRG in 1923, once costs rose two,500% in one month!
3. Rising prices is that the combination of high state and economic stagnation with inflation. This happened in industrial countries throughout the Nineteen Seventies, once a foul economy was combined with Organization of Petroleum-Exporting Countries raising oil costs. In recent years, most developed countries have tried to sustain Associate in Nursing rate of 2-3%.

CAUSES OF INFLATION

Economists wake up in the morning hoping for a chance to debate the causes of inflation. There is no one cause that's universally agreed upon, but at least two theories are generally accepted:

Demand-Pull Inflation - This theory can be summarized as "too much money chasing too few goods". In other words, if demand is growing faster than supply, prices will increase. This usually occurs in growing economies.
Cost-Push Inflation - When companies' costs go up, they need to increase prices to maintain their profit margins. Increased costs can include things such as wages, taxes, or increased costs of imports.

COSTS OF INFLATION

Almost everybody thinks inflation is evil, however it is not essentially thus. Inflation affects completely different individuals in numerous ways that. It conjointly depends on whether or not inflation is anticipated or unexpected. If the rate of inflation corresponds to what the bulk of individuals predict (anticipated inflation), then we will compensate and therefore the value is not high. for instance, banks will vary their interest rates and employees will talk terms contracts that embody automatic wage hikes because the indicant goes up.

Problems arise once there's unexpected inflation:

•Creditors lose and debtors gain if the investor doesn't anticipate inflation properly. For people who borrow, this can be just like obtaining AN interest-free loan.
•Uncertainty concerning what is going to happen next makes firms and shoppers less seemingly to pay. This hurts economic output within the long haul.
•People living off a invariable, like retirees, see a decline in their getting power and, consequently, their customary of living.
•The entire economy should absorb repricing prices ("menu costs") as tariffs, labels, menus and additional got to be updated.
•If the rate of inflation is bigger than that of alternative countries, domestic product abate competitive.

People prefer to complain concerning costs increasing, however they typically ignore the actual fact that wages ought to be rising yet. The question should not be whether or not inflation is rising, however whether or not it's rising at a faster pace than your wages.

Finally, inflation may be a sign that AN economy is growing. In some things, very little inflation (or even deflation) is even as dangerous as high inflation. the shortage of inflation is also a sign that the economy is weakening. As you'll see, it isn't very easy to label inflation as either smart or dangerous - it depends on the general economy yet as your personal scenario.Measuring inflation may be a tough drawback for presidency statisticians. To do this, variety of products that square measure representative of the economy square measure place along into what's named as a "market basket." the value of this basket is then compared over time. This leads to a indicant, that is that the value of the market basket nowadays as a proportion of the value of that identical basket within the beginning year.In the long haul, the varied PPIs and therefore the CPI show an identical rate of inflation. this can be not the case within the short run, as PPIs typically increase before the CPI. In general, investors follow the CPI quite the PPIs.

EFFECTS OF INFLATION:

1.Creditors Lose: Net creditors are individuals or businesses that have more savings than debt. A net creditor receives interest and, therefore, receives a reduced real interest rate.
2.Debtors Gain: Net debtors are individuals or businesses that have more debt than savings. A net debtor pays interest and, therefore, pays a lower real interest rate when there is unanticipated inflation.

CONCLUSION

This paper has tried to place the Indian growth and Inflation story of sixty years in perspective.The famed determinants of growth and inflation were examined very well. There ar 2 explanations for the a lot of mentioned and far hyped growth acceleration within the 1980's. Reallocation from Agriculture to trade resulted within the potential rate of growth being as high as5%. The sharp rise in real interest rates evoked by terribly tight financial policy at a time of fallingInflation rates within the middle to late 1990's resulted in industrial growth that was bogged downbefore the purpose reached its potential. The reversal of this rate hike and reduction torealistic and competitive levels throughout 1999 may be a major reason for the miraculous growthacceleration ascertained beginning 2003. Aiding ANd abetting this method of an Economy movingtowards a replacement and better potential value growth of around 9/11 were 2 factors, the upkeepof AN more and more competitive rate since 1993-1994 and therefore the development andexpansion of the center category.

REFERENCES:

1.Ahamed, Liaquat (2009), Lords of Finance: 1929, The Great Depression and the Bankers Who Broke the World, New York: Penguin.
2.Ahluwalia, Montek S. (2011), 'Prospects and Policy Challenges in the Twelfth Plan,' Economic and Political Weekly, vol. 46, May 21.
3.Ahluwalia, Montek S. (2011a), 'The G20 and Global Governance,' mimeo: The Planning Commission, New Delhi.
4.Anant, T. C. A. (2011), 'Some Observations on Inflation,' mimeo: Office of the Chief Statistician, Government of India, New Delhi.
5.Bandopadhyay, Tamal (2011), 'Repo Market,' in K. Basu and A. Maertens (eds.), The New Oxford Companion to Economics in India, New Delhi: Oxford University Press.
6.Basu, Kaushik (1992), 'A Geometry for Non-Walrasian General Equilibrium Theory,' Journal of Macroeconomics, vol. 14.
7.Basu, Kaushik (1997), Analytical Development Economics, Cambridge, MA: MIT Press.
8.Basu, Kaushik (2011), 'India's Foodgrains Policy: An Economic Theory Perspective,' Economic and Political Weekly, vol. 46, 29 January.
9.Cagan, Philip (1956), 'The Monetary Dynamics of Hyperinflation,' in M. Friedman (ed.), Studies in the Quantity Theory of Money, Chicago: University of Chicago Press.
10.Dev, Mahendra and Sharma, Alakh (2010), 'Food Security in India: Performance, Challenges and Policies,' Oxfam Working Paper, Institute of Human Development, New Delhi.
11.Dholakia, Ravindra and Sapre, Amey (2011), 'Speed of Adjustment and InflationUnemployment Tradeoff in Developing Countries: Case of India,' Working Paper 2011-07-01, Indian Institute of Management, Ahmedabad.
12.EPW Research Foundation (2011), 'Is the Growth in Bank Credit a Serious Concern?' Economic and Political Weekly, vol. 46, July 23.
13.46 Friedman, Milton and Schwartz, Anna (1963), A Monetary History of the United States, 1867-1960, Princeton: Princeton University Press.
14.Garcia, Marcio, Guillen, Diego and Kehoe, Patrick (2010), 'The Monetary and Fiscal History of Latin America,' mimeo: Princeton University.
15.Government of India (2011), Economic Survey 2010-11, Ministry of Finance, New Delhi.
16.Goyal, Ashima and Tripathi, Shruti (2011), 'New Keynesian Aggregate Supply in the Tropics: Food Prices, Wages and Inflation,' International Journal of Monetary Economics and Finance, forthcoming.
17.Hahn, Frank (1982), Money and Inflation, Oxford: Blackwell Publishers.
18.Himanshu and Sen, Abhijit (2011), 'Why not a Universal Food Security Policy?' Economic and Political Weekly, vol. 46, No. 12. J

19.alan, Bimal (2001), 'Banking and Finance in India: Managing New Challenges,' in R. Kapila and U. Kapila (eds.), India's Economy in the 21st Century, New Delhi: Academic Foundation.
20.Jha, S. and Ramaswami, B. (2010), 'How can Food Subsidies Work Better? Answers from India and Philippines,' mimeo: Indian Statistical Institute, India.
21.Keynes, John Maynard (1940), How We Pay for War, London: Macmillan.
22.Khera, Reetika (2010), 'India's Public Distribution System: Utilization and Impact,' Journal of Development Studies, vol. 47.
23.Khera, Reetika (2011), 'Trends in Diversion of Grain from Public Distribution System,' Economic and Political Weekly, vol. 46, May 21.
24.Kotwal, Ashok, Murugkar, Milind, and Ramaswamy, Bharat (2011), 'PDS Forever?' Economic and Political Weekly, vol. 46, 21.
25.Lall, Rajiv (2011), 'A Monetary Fix for Inflation,' Mint.
26.Lilienfeld-Toal, Ulf von, Mookherjee, Dilip and Visaria, Sujata (2011), 'The Distributive Impact of Reform in Credit Enforcement: Evidence from Indian Debt Recovery Tribunals,' mimeo: Boston University.
27.Mankiw, N. Gregory (2010), Macroeconomics, New York: Worth Publishers.
28.McCorriston, Steve, Maclaren, Donald, Chadha, Rajesh, Davenport, Scott, and47 Jayasuriya, Sisir (2011), 'Indian Food-Grain Policy: Are There Better Alternatives?' mimeo: University of Exeter.
29.Mishra, Ankita and Ray, Ranjan (2011), 'Prices, Inequality and Poverty: Methodology and Indian Experience,' Review of Income and Wealth, Series 57, No. 3, forthcoming.
30.Mishra, Prachi and Roy, Devesh (2011), 'Explaining Inflation in India: The Role of Food Prices,' mimeo: IMF and IFFPRI, Washington, D. C.
31.Mundle, Sudipto (2011), 'To Curb or Not to Curb: Traditional Inflation Fighting Methods May land us in Stagflation,' Times of India, 8 June.
32.Parikh, Kirit (2011), 'Food Grain Policy,' mimeo: New Delhi. Patnaik, Ila, Shah, Ajay and Veronese, Giovanni (2011), 'How Should Inflation be Measured in India?' Economic and Political Weekly, vol. 46, no. 16, April 16.
33.Patnaik, Prabhat (2011), 'Inflation,' in K. Basu and A. Maertens (ed.), The New Oxford Companion to Economics in India, New Delhi: Oxford University Press.
34.Radford R. A. (1945), 'The Economic Organization of a P.O.W. Camp,' Economica, vol. 12.
35.Rakshit, Mihir (2011), 'Inflation and Relative Prices in India 2006-10: Some Analytics and Policy Issues,' Economic and Political Weekly, vol. 46, no. 16, April 16.
36.Rangarajan, C. (2009), India: Monetary Policy, Financial Stability and Other Essays, New Delhi: Academic Foundation. Rao, V. K. R. V. (1952), 'Investment, Income and the Multiplier in an Underdeveloped Economy,' Indian Economic Review, vol.
37.Reddy, Yaga V. (2011), Global Crisis, Recession and Uneven Recovery, New Delhi: Orient Black Swan.
38.Sargent , Tom (1982), 'The Ends of Four Big Inflations,' in R. E. Hall (ed.), Inflation: Causes and Effects, Chicago: Chicago University Press.
39.Singh, Sukhpal (2011), 'Controlling Food Inflation: Do Supermarkets have a Role,' Economic and Political Weekly, vol 46, April 30.
40.Stiglitz, J. E. and A. M. Weiss (1981), 'Credit Rationing in Markets with Imperfect48 Information,' American Economic Review, vol. 71.
41.Subbarao, Duvvuri (2011), 'Should Banking be Made Boring?' in S. Kochhar (ed.), Growth and Finance: Essays in Honour of Rangarajan, New Delhi: Academic Foundation.
42.Subbarao, Duvvuri (2011a), 'Policy Discipline and Spillovers in an Inter-Connected Global Economy,' Reserve Bank of India Monthly Bulletin, June.
43.Tarapore, S. S. (2001), 'Capital Account Convertibility Revisited,' in R. Kapila and U. Kapila (eds.), India's Economy in the 21st Century, New Delhi: Academic Foundation
44.Subbarao D (2010b). "India and the global financial crisis transcending from recovery to growth, at the Peterson Institute for International Economics, Washington DC." URL http://www.rbi.org.in/scripts/BS_SpeechesView.aspx?Id=502
45.Ahluwalia M S (2002): ? Economic reforms in India since 1991: has gradualism worked?", Journal of Economic Perspectives, 16, 67-88.
46.Arif R R (1996): Money demand stability: myth or reality - an econometric analysis, Development Research Group Study No 13, Reserve Bank of India.
47.Ambler,S.,&Cardia, E. (1997). Testing the link between inflation and growth. In Proceedings of the conference on price stability, inflation targets and monetary policy. Ottawa: Bank of Canada.
48.Agarwala, R (1970):An Econometric Model of India, 1948-61.
49.Ahluwalia, I J (1979): 'Behaviour of Prices and Output in India: A Macro-Economic Aggregates', RBI Occasional Papers.
50.Bhattacharya, B B (1985): Public Expenditure, Inflation and Growth: A Macro-Economic Analysis for India, Oxford University Press, New Delhi. Economic and Political Weekly April 21, 1990 851

51.Barro, R. J. (1995). Inflation and economic growth. NBER Working Paper 5326. Cambridge,
52.Bruno, M.,&Easterly,W. (1998). Inflation crises and long-run growth. Journal of Monetary Economics, 41, 3–26.
53.Balakrishnan P (2005): ? Macroeconomic policy and economic growth in the 1990s", Economic and Political Weekly, XXXX, 3969-3977. B
54.Barro, R J (1995): 'Inflation and Economic Growth', Bank of England Quarterly Bulletin, May
55.Bruno, M and W Easterly(1998): 'Inflation Crisis and Long Run Growth', Journal of Monetary Economics, Vol 41.
56.Choi, S, B D Smith and J H Boyd (1996): 'Inflation, Financial Markets and Capital Formation', Federal Reserve Bank of St Louis Review, Vol 78(3).
57.De Gregorio, J (1993): 'Inflation, Taxation and Long Run Growth', Journal of Monetary Economics, Vol 31.
58.Fischer, S (1993): 'The Role of Macro-economic Factors in Growth', Journal of Monetary Economics, Vol 32(3).
59.Ghosh, A.,&Phillips, S. (1998). Inflation, disinflation, and growth. IMF Working Paper No. WP/98/68. Washington, DC: International Monetary Fund.
60.Kannan R (1999): "Inflation targeting: issues and relevance for India", Economic and Political Weekly, XXXIV, 115-122.
61.Krishnamurty K (2002): "Macroeconomic models for India: past, present and prospects",Economic and Political Weekly, XXXVII, No 42 (October 19).
62.K Krishnamurty, 'Inflation and Growth: A Model for India' in Krishnamurty and Pandit, Macro Econometric Modeling of the Indian Economy, (Hindustan Publishing Corporation, 1985) pp 39-42. 4
63.Lucas, Robert E., Jr (1973) 'Some international evidence on output-inflation tradeoffs.' American Economic Review 63, 326-44
64.Mohan, Rakesh (2004a), 'Challenges to Monetary Policy in a Globalising Context', Reserve Bank of India Bulletin, January.
65.Mohan, Rakesh (2005), 'Some Apparent Puzzles for Contemporary Monetary Policy', Reserve Bank of India Bulletin, December Misra B S (2003): ? Analytics of credit-output nexus in India", Reserve Bank of India Occasional Papers, 24, 145-171.
66.http://en.wikipedia.org/wiki/Inflation_in_India (2013)
67.Pratima Singh, Inflation in India: An empirical Analysis, ISAS Institute of South Asian studies, No.128 - 10 may (2011)
68.Gaurav Sharma, Inflation concerns for the Indian economy: Assocham Research Bureau, (2009)
69.IlaPatnaik, Ajay Shah, Giovanni Veronese., How to measure inflation in India, NIPFP-DEA, Research Program on Capital Flows and their Consequences National Institute of Public Finance and Policy New Delhi Working Paper 2011-83 (2011)
70.AnuradhaPatnayak, Study of Inflation in India: A Co integrated Vector Auto regression Approach, Journal of Quantitative Economics, 8(1) (2010)
71.Rajadhyaksha, Niranjan (June 10, 2008): "Inflation: A short history", posted at Cafeeconomics@livemint.com
72.Dr.P. Arunachalam and Dr. K.C. Sankaranarayanan (November, 1998): "Liberalization and inflation in India", Yojana, Vol. 42, No. 11, p. 7.
73.Pattanaik, R.K. and SamantarayaAmeresh (January 28, 2006): "Indian Experience of Inflation – A Review of the Evolving Process", Economic and Political Weekly, Vol.41, No. 4, P. 349.
74.Reddy, Y.V. (1999): "Inflation in India: Status and Issues" in Y.V. Reddy (2000): Monetary and Financial Sector Reforms in India: A Central Bankers' Perspective, UBS Publishers and Distributors Ltd., New Delhi, p. 46-47.
75.Pattanaik, R.K. and SamantarayaAmeresh, Op. cit., p. 349.
76.Reddy,Y.V., Op. cit., p. 47.
77.Pattanaik R.K. and SamantarayaAmaresh, Op.cit., p. 349.
78.Vakil, C.N. (1978): "War Against Inflation – The Story of the Falling Rupee: 1947–77", The Macmillan Company of India Ltd., Bombay, P. 2.
79.Simha, S.L.N. (1970): "History of the Reserve Bank of India: 1935-51", Volume 1, RBI, Bombay, p. 153.
80.http://www.thehindu.com/tag/inflation-and-deflation/854/
81.http://in.reuters.com/article/2014/09/12/india-economy-iip-inflation-idINKBN0H62FU20140912
82.http://articles.economictimes.indiatimes.com/keyword/inflation/recent/2
83.http://articles.economictimes.indiatimes.com/keyword/inflation-rate
84.Bårdsen, G., E. Jansen, and R. Nymoen (2004): Econometric Evaluation of the New Keynesian Phillips Curve
85.Brigo, D and Mercurio, F, Interest Rate Models - Theory and Practice with Smile, Inflation and Credit, Springer Finance, Second Edition, 2006.
86.Jarrow, R and Yildirim, Y, Pricing treasury inflation protected securities and related derivatives using a HJM model , Journal of Finance and Quantitative Analysis
87.Mercurio, F, Pricing inglation-indexed derivatives, Quantative Methods in Finance
88.Mercurio, F and Moreni, N, Pricing inflation-indexed options with stochastic volatility
89.Belgrade, N., Benhamou, E. and Koehler, E., A market model for inflation Preprint, CDC IXIS Capital Markets