# POST ISSUE PERFORMANCE EVALUATION OF IPO'S -AN EMPIRICAL STUDY

# P. ISHWARA \*

**ABSTRACT:** Primary market is the segment in which new issues are made whereas secondary market is the segment in which outstanding issues are traded. In the primary market, issues may be made in four ways, namely public issue, rights issue, private placement/private equity and bonus issue. The IPO's are regulated by SEBI in terms of SEBI guidelines: SEBI has framed the guidelines in 1992, which were changed many times keeping in view the in consistencies, market development and changing needs of the capital market. A new set of guidelines was issued in the years 2000.

**KEY WORDS:** primary market, namely public issue, rights issue, private placement/private equity and bonus issue, SEBI guidelines

#### 1. INTRODUCTION

The liberalization policies ushered in by the government, in 1991, have brought about a new dimension in the capital market as well as corporate environment in India. The investment climate improved considerably following the modification of licensing procedures and the freedom to fix issue prices for new issues etc. The abolition of the Capital Issue Control Act, 1947 also welcomed a new era in the primary capital markets in India. Control over the pricing of issues, and designing and tenure of the capital issue were abolished after establishment of Securities and Exchange Board of India (SEBI) on April 12, 1988.

The issuers, at present, are free to make the price of the issues under the ambit of SEBI. Before the establishment of SEBI, the quality of disclosures in the offer documents was very poor. SEBI also formulated and prescribed stringent disclosure norms in conformity to global standards. These favourable developments lead to rapid growth in the quantum of financial investment. Thus, the primary capital market in India has been witnessing tremendous growth in the number of new issues hitting the market, surpassing the normal growth that is expected as a result of growth economy.

<sup>\*</sup> Senior Lecturer, Ph.D., Department of Commerce, P.G. Centre, Kuvempu University, Shivagangotri, Davangere, India, ishwara p@yahoo.com

342 Ishwara, P.

Primary market is the segment in which new issues are made whereas secondary market is the segment in which outstanding issues are traded. It is for this reason that the primary market is also called New Issues Market (NIM) and the secondary market is called Stock Market. In the primary market, new issues may be made in four ways, namely public issue, rights issue, private placement/private equity and bonus issue. Public issues involves sale of securities to members of public through prospectus. Rights issue involves sale of securities to the existing share holders/debenture holders. Private placement involves selling securities privately to a selected group of investors. Issue of bonus shares involves sale of securities to the existing shareholders at a free of cost. In the primary market, equity shares, fully convertible debentures (FCD), partially convertible debentures (PCD) and non-convertible debentures (NCD) are the securities commonly issued by non-government public limited and private companies. Government companies issue equity shares and bonds. Primary market has become very active in India after the abolition of controller of capital issue.

#### 2. SEBI GUIDELINES FOR IPO'S

The IPO's are regulated by SEBI in terms of SEBI guidelines: SEBI has framed the guidelines in 1992, which were changed many times keeping in view the in consistencies, market development and changing needs of the capital market. A new set of guidelines was issued in the years 2000; which are also amended subsequently.

The salient features of these guidelines are given below:

- Promoters should contribute a minimum of 20% of the total issued capital, if the company is an unlisted one. Promoters' contribution is subject to a lockin period of 3 years.
- Net offer to the general public has to be at least 25% of the total issue size for listing on a stock exchange.
- Minimum of 50% of the net offer to the public has to be reserved for investors applying for 10 or less 10 marketable lots of shares.
- In an issue of more than Rs. 100 crore the issue is allowed to place the whole issue by book building.
- There should be at least 5 investors for every 1 lakh of equity offered.
- Allotment has to be made with in 30 days of the closure of the public issue and 42 days in case of a rights issue.
- All the listing formalities for a public issue have to be completed within 70 days from the date of closure of the subscription list.
- Indian Development Financial Institutions and Mutual Funds can be allotted securities up to 75% of the Issue amount.
- Allotment to categories of FII's and NRI's /OCB's is up to a maximum of 24% which can be further extended to 30% by an application to the RBI-supported by a resolution passed in the General meeting.
- Securities issued to the promoter, his group companies by way of firm allotment and reservation have a lock-in-period of 3 years. However shares

allotted to FII's and certain Indian and Multilateral Development Financial Institutions and Indian Mutual Funds are not subject to lock-in periods.

- The minimum period for which a public Issue has to be kept open is 5 working days and the maximum for which it can be kept open is 10 working days. The minimum period for a rights issue is 15 working days and the maximum is 60 working days.
- A public issue is affected if the issue is able to procure 90% of the total issue size within 60 days from the date of earliest closure of the public issue. In case of over subscription the company may have the right to retain the excess application and allot shares more than the proposed issue which is referred to as the 'green-shoe' option.
- A rights issue has to procure 90% subscription in 60 days of the opening of the issue.

#### 3. TRENDS IN THE PRIMARY MARKET

The revival of the primary market, which started in 2003-04, gathered momentum in 2004-05 and further invigorated in 2005-06, 2006-2007. Strong macroeconomic fundamentals, sustained growth of the manufacturing sector, active institutional support led by FIIs and mutual funds, positive investment climate, sound business out look, encouraging corporate results and buoyant secondary market induced large number of companies to raise resource from the primary market. Apart from several mega issues, large number of small and medium sized companies' mobilized resources through public and rights issues.

The private sector continued to dominate the primary market activities during these years. There was overwhelming response to most of the public issues reflecting risk appetite of the investors in general and sustained investment activities in particular. Regulatory reforms such as introduction of proportionate allotment and margin requirement for the Qualified Institutional Buyers (QIBs) and special allocation to mutual funds with in the QIBs category also contributed to brisk activities in the primary market.

#### 4. PRIMARY MARKET DURING 2006-2007

During April-November 2006, 66 companies accessed the primary market and raised Rs. 17,418 crore compared to 71 companies raising Rs. 10,393 crore during the same period in 2005 (Table 1). The total amount mobilized was higher by 67.6 percent during April – November 2006. The corporate have mopped up Rs. 15,914 crore through public issues in April – November 2006, compared to Rs. 9,362 crore during the same period in 2005. The amount raised through rights issues in the current financial year up to November was also higher at Rs. 1,505 crore compared to Rs. 1,031 crore in 2005. There was a substantial rise in the initial public offerings as there were 37 IPOs, which raised Rs. 15,189 crore during April-November 2006. During April-November 2005, there were 41 IPOs which mobilized Rs. 5,890 crore.

344 Ishwara, P.

During November 2006, 10 companies accessed the primary market and raised Rs. 3,575 crore. The amount raised was the second highest for any month in the current financial year up to November. The companies raised Rs. 2,834 crore and Rs. 741 crore through 8 public issues and 2 rights issues, respectively during the month; of the public issues, 7 were Initial Public Offering (IPOs) (Rs. 2.808 crore) and one was Further Public Offering (FPO) (Rs. 26.4 crore). All issues were equity issues at premium except one, which was a partly convertible debenture. All issues were from the private sector. Industry - wise, largest amount of resources were mobilized by the finace sector (Rs. 1,566 crore), followed by cement and construction (Rs. 1067 crore), telecommunication (Rs. 491 crore) and food processing (Rs. 303 crore). There were 4 mega issues during the month viz Parsvanth Developers Ltd. (Rs. 997 crore), Lanco infratech Ltd. (Rs. 1,067 crore), Tata Teleservices (Rs. 491 crore) and Sobha Developers Ltd (Rs. 569 crore).

	2006-0	7 (April-November)	2005-06 (April-November		
Particulars	No.	Amount (Rs. Crore)	No.	Amount (Rs. Crore)	
Public Issues	42	15,914	51	9,362	
IPOs	37	15,189	41	5,890	
FPOs	5	7,24	10	3,471	
Rights Issues	24	1,505	20	1,031	
Total	66	17,418	71	10,393	

Table 1. Resources rose through public and rights issues 2006-07

# 5. HOW NEW ISSUES HAVE FARED DURING THE FINANCIAL YEAR 2007-2008

Subscribing to new issues is always not profitable. Through promoters and merchant bankers sold these issues as if they are destined to be blue chips by palming off promises, some of these issues have, in fact, robbed the investors instead of making them prosperous. The review of the performance of 107 issues, which were listed on the stock exchange during the financial year 2007-08, is presented in the following tables.

SL	Name of the Company	Offer Price ( Rs)	List Price (Rs)	Listing Gain/Loss (%)	Trading Price (In up ward trend) 15 <sup>th</sup> Jan 2008	Gain/ Loss (%)	Trading Price (In down ward trend) 22 <sup>nd</sup> April 2008	Gain/ Loss (%)
01	Cambridge Technology Enterprises Ltd	38	48.9	28.68	80	110.5263	38.75	1.97
02	Autoline Industries Ltd	225	261.15	16.7	247.5	10	204.85	-8.95
03	Pochi Raju Industries Ltd	30	45	50	43.35	44.5	27.85	-7.16
04	Global Broad cast News Ltd	250	471.1	88.44	1160.5	364.2	119.7	-52.12

Table 2. Post issue evaluation of IPO's (during the financial year 2007-08)

05	Akruthi Nitmans or ciyy Ltd	540	701.35	29.87	1187.25	119.8611	1084.95	100.91
06	House of Pearl fashions Ltd	550	500	-9.09	295.3	-46.3091	162.55	-70.44
07	Cinemax India Ltd	155	175	12.903	144.1	-7.03226	113.95	-26.48
08	Technocraft Industries (India)Ltd	105	125	19.04	79.8	-24	67	-36.19
09	Redington India Ltd	113	140	23.89	390.2	245.3097	349.4	209.20
10	Transwarranty Finance	52	60	15.38	44.05	-15.2885	22.4	-56.92
	Ltd Firstsource Solutions Ltd.						43.75	
11	Power Finance	64 85	75.1 104	17.34 22.35	68.4 267.5	6.875 214.7059	160.5	-31.64 88.82
12.	Corporation Ltd	63	104	22.55	207.3	214.7039	100.5	00.02
13	Indian Bank	91	105	15.38	217.3	138.7912	155.65	71.04
14	SMS Pharmaceutical Ltd	380	349.9	-7.92	303.9	-20.0263	204.9	-46.07
15	Lawreshwar Polymers Ltd	16	15.9	-0.625	11.51	-28.0625	7.83	-51.06
16	C&C Constructions Ltd	291	350	20.27	268.25	-7.81787	207.75	-28.60
17	Euro Ceramics Ltd	165	151	-8.48	250.2	51.63636	137.8	-16.48
18	Mundra LifeStyle Ltd.	90	94.8	5.34	96.95	7.722222	47.6	-47.11
19	Oriental Trimaxs Ltd.	48	42	-12.5	28.6	-40.4167	19.15	-60.10
20	Vijayeshwari Textiles Ltd	100	90.05	-9.95	55.95	-44.05	36.65	-63.35
21	Mindfree Consultings Ltd.	425	599	40.94	462.85	8.905882	475.25	11.82
22	Briadcast Initiaives Ltd.	120	117	-2.5	54.34	-54.7167	38.5	-67.91
23	Grinix Accessories Ltd.	120	110	-8.34	207.25	72.70833	176.45	47.04
24	Idea Cellular Ltd	75	92.4	23.2	146	94.66667	108.85	45.13
25	Indus Fila Ltd	170	160	-5.88	323.75	90.44118	418.1	145.94
26	Raj Television Network Ltd	257	275	7.00	194.6	-24.2802	139.1	-45.87
27	Astral poly Technic Ltd.	115	115	0	211.9	84.26087	184.65	60.56
28	AMD Industries Ltd	75	65.1	-13.2	61.3	-18.2667	34.4	-54.13
29	Jagajanani textile Ltd.	25	22.4	-10.4	14.75	-41	7.83	-68.68
30	Abishek mills Ltd.	100	94	-6	84.2	-15.8	48.55	-51.45
31	Page Industries Ltd.	360	341.9	-5.02	490.85	36.34722	437.4	21.5
32	Gremach Infrastructure Equipments & Projects Ltd	86	92	6.98	418.4	386.5116	141.8	64.88
33	ICRA Ltd.	330	525	59.04	916.55	177.7424	699.9	112.09
34	Orbit Corporation Ltd.	110	90	-18.18	939.1	753.7273	455.8	314.36
35	Advantha India Ltd.	640	640	0	1350.8	111.0625	940.8	47.00
36	Forties Health Care Ltd.	108	105	-2.78	104.35	-3.37963	85.6	-20.74
37	Hilton Metal Fprging Ltd	70	75	7.14	58	-17.1429	30.95	-55.78
38	Bhagavathi Banquests & Hotel Ltd.	40	46.35	15.88	83.7	109.25	73.05	82.62
39	MIC Electronics Ltd	150	210.25	40.16	920.6	513.7333	707.3	371.53
40	Binani Cement Ltd.	75	75	0	118.7	58.26667	87	16.00
41	Insecticides India Ltd.	115	105	-8.69	87.1	-24.2609	53.75	-53.26
42	Glory Polyfilms Ltd.	48	50	4.16	96.75	101.5625	66.25	38.02
43	Asahi songwon colours Ltd	90	93	3.34	59.1	-34.3333	45.55	-49.38
44	Nitin fire protection Industries Ltd.	190	332.5	75	570.35	200.1842	469.55	147.13
45	Time technoplast Ltd.	315	415.55	31.92	932.85	196.1429	817.2	159.42
46	Decolight ceramics Ltd.	54	57	5.56	37.45	-30.6481	24.55	-54.53
47	Meghmani organics Ltd.	19	33.25	75	37.65	98.15789	23.65	24.47
48	Nelcast Ltd	219	252.05	15.09	164.05 1207.5	-25.0913	118.15	-46.05
	DLF India Vishal Patril Ltd	525 270	582 472.5	10.85 75		130	676.25	28.80
50 51	Vishal Retail Ltd Roman tasmit Ltd	175	472.5 295	68.57	913.3 181.4	238.2593 3.65143	817.2 84.4	202.66 -51.77
52	Ankit metal & power Ltd	36	37.9	5.27	94.35	162.0833	79.9	121.94
53	Celestial labs Ltd	60	70	16.67	57.4	-4.33333	37.8	-37.00
54	ICICI Bank Ltd	940	995	5.85	1410	50	882.3	-6.13
		, 10	///	2.02	1110	20	002.0	0.15

55	Spice communications Ltd.	46	55.75	21.19	52.07	13.19565	35.65	-22.5
56	Surya chakra power corporation Ltd.	20	30	50	46.75	133.75	26.7	33.5
57	BEML Ltd.	1075	1199	11.53	1640.25	52.5814	1097.8	2.12
58	Housing development & Infrastructure Ltd.	500	567.5	13.5	1358.1	171.62	702.75	40.55
59	Allied digital services Ltd.	190	332.5	75	967.75	409.3421	848	346.31
60	Evernon systems India Ltd.	140	245	75	1063.05	659.3214	673	380.71
61	Simplex Projects Ltd.	185	323.75	75	436.6	136	229.4	24.00
62	Alpa laboratories Ltd.	68	60	-11.76	44.4	-34.7059	29.05	-57.27
63	Omaxe Ltd.	310	400	29.03	515.8	66.3871	224.45	-27.59
64	Omnitech Infosolutions Ltd.	105	183.75	75	214.1	103.9048	159.45	51.85
65	Zyloy systems Ltd.	350	525	50	366.4	4.685714	293.45	-16.15
66	IVR – prime urban developers Ltd.	550	500	-9.09	401.15	-27.0636	220.7	-59.87
67	Repex refrigerants Ltd.	65	69.1	6.30	191.35	194.3846	207.05	218.53
68	Central Bank of India.	102	130.1	27.54	136.25	33.57843	96.5	-5.39
69	SEL manufacturing company Ltd.	90	87.9	-2.34	161.45	79.38889	414.8	360.88
70	Asian grantio India Ltd	97	100.15	3.24	105.35	8.608247	69.15	-28.71
71	Puravankara projects Ltd.	400	399	-0.25	443.2	10.8	278.05	-30.48
72	Take solution Ltd	730	876	20	1122.55	53.77397	822.5	12.67
73	K.P.R. Mill Ltd.	225	201.2	-10.57	163.25	-27.4444	103.7	-53.91
74	Motilal aswal Financial Services Ltd.	825	999	21.09	1924.8	133.3091	756.05	-8.35
75	Indowind energy Ltd.	65	80.25	23.46	138.75	113.4615	82.2	26.46
76	Daggar forst tools Ltd.	45	43	-4.44	45.3	0.666667	28.1	-37.55
77	Mangum ventures Ltd.	30	36.95	23.16	31.1	3.666667	16.8	-44.00
78	Kaveri seed company Ltd.	170	201.15	18.32	316.2	86	280.25	64.85
79	Power grid corporation of India Ltd.	52	85	63.46	143.2	175.3846	105.8	103.46
80	Dhanus retail India Ltd.	295	300.2	1.76	316.9	7.423729	259.15	-12.15
81	Koutons retails India Ltd	415	515	24.09	976.45	135.2892	788.8	90.07
82	Consolidated construction consortium Ltd.	510	801	57.05	1150.4	125.5686	694.55	36.18
83	Supreme infrastructure India Ltd	108	189	75	156.15	44.58333	100	-7.40
84	Saamya Biltech (India) Ltd.	10	17.5	75	23.7	137	12.81	28.10
85	Mythas Infra Ltd.	370	480	29.72	820.5	121.7568	649.05	75.41
86	Circuit systems (India)Ltd.	35	42	20	38.6	10.28571	23.25	-3357
87	Rathi bars Ltd.	35	38	8.57	33.8	-3.42857	17.68	-49.48
88	Allied computers International (Asia) Ltd.	12	21	75	45.05	275.4167	25.45	112.08
89	Varun industries Ltd.	60	105	75	137.35	128.9167	87.1	45.16
90	Bak valley cements Ltd.	42	65	54.76	61.55	46.54762	35.35	-15.83
91	Religare enterprises Ltd.	185	323.75	75	638.7	245.2432	389.05	110.29
92	Mundra port & special economics Zone Ltd.	440	770	75	1035.15	135.2614	665.85	51.329
93	Empee distilleries Ltd.	400	400	0	320.6	-19.85	176.95	-55.76
94	Edelweiss capital Ltd.	825	1143.7 5	75	1583.25	91.90909	838.2	1.6
95	Renaissance jewelers Ltd	150	190	26.67	141.95	-5.36667	81.2	-45.86
96	Kolte – patil developers Ltd.	145	220	51.72	232.8	60.55172	112.25	-22.58
97	Kousalya infrastructure development corporation Ltd.	60	67.9	13.17	84	40	41.45	-30.91

99	Barupur cements Ltd.	12	18.45	53.75	42	250	23.55	96.25
100	Ellerx services Ltd.	315	320	1.59	353.8	12.31746	291.1	-7.58
101	BGR energy system Ltd.	480	801	66.88	775.8	61.625	458.05	-4.57
102	Transformers & rectifies India Ltd.	465	701.1	50.77	716.35	54.1828	458.05	-1.49
103	Brigade enterprises Ltd.	390	399.7	2.49	355.65	-8.80769	192.65	-50.60
104	Aries agro Ltd.	130	150	15.38	209.65	61.26923	147.5	13.46
105	Forwal auto components Ltd.	75	79.85	6.47	79.65	6.2	27.25	-63.66
106	Mankisha Ltd.	160	200	25	141.35	-11.6563	89.15	-44.28
107	Precession pipes & profiles company Ltd.	150	160	6.67	142	-5.33333	91.4	-39.06

The following tables are used to present information pertaining to top ten companies stocks given maximum returns to the investors and maximum losers during the time of listing, bull and bear market conditions during the financial year 2007-2008.

Table 3. Top 10 gainers in listing

SL.No	Company Name	Gain (in %)
01	Global broad cost News Ltd	88.44
02	Nitin fire protection industries Ltd	75.00
03	Meghmani Organics Ltd	75.00
04	Allied Digital Service Ltd	75.00
05	Evernon System India Ltd	75.00
06	Omnitech Infosolutions Ltd	75.00
07	Simplex Project Ltd	75.00
08	Roman tarmat Ltd	68.57
09	BGR energy systems Ltd	66.88
10	Power Grid corporatior Ltd	63.46

Table 4. Top 10 losers in listing

SL.No	Company Name	Gain (in %)
01	Orbit corporation	-18.18
02	AMD industries Ltd	-13.2
03	Oriental trimex Ltd	-12.5
04	Alpa laboratories Ltd	-11.76
05	K.P.R. Mills	-10.57
06	Vijayashwari Textiles	-9.95
07	House of pear fashions Ltd	-9.09
08	Insectides India Ltd	-8.69
09	Euro ceramics	-8.48
10	Evinix Accessories Ltd	-8.34

348 Ishwara, P.

Table 5. Top 10 gainers in bull market

SL.No	Company Name	Gain (in %)
01	Orbit corporation	753.72
02	Evernon systems ltd	659.32
03	MIC Electronics	513.73
04	Allied digital services	409.34
05	Gremach infra. & equipments Ltd	386.51
06	Global broadcast news ltd	364.2
07	Burnapur cements ltd	250.00
08	Redington India ltd	245.30
09	Religare enterprises ltd	245.24
10	Vishal retails	238.25

BSE & NSE indexes 20728.05., 6206.80 dated 15.1.2008

Table 6. Top 10 losers in bull market

SL.No	Company Name	Gain (in %)
01	Broad cost Initiatives Ltd	-54.71
02	House and Pearl fashions Ltd	-46.30
03	Vijayashwari Textiles	-44.05
04	Jagajanni textiles	-41.00
05	Oriental trimex	-40.41
06	Alpa Laboraories Ltd	-34.70
07	Asahi songwon colors Ltd	-34.33
08	Decolight Ceramics Ltd	-30.64
09	Lawarsshewar Polymers	-28.06
10	IVR prime urban Dovp. Ltd	-27.66

BSE & NSE indexes 20728.05., 6206.80 dated 15.1.2008

Table 7. Top 10 gainers in bear grip market

SL.No	Company Name	Gain (in %)
01	Evernon systems India Ltd	380.71
02	MIC Electronics	371.53
03	SEL manufacturing Ltd	360.88
04	Allied Digital services	346.31
05	Orbit Corporation	314.36
06	Refex Refrigerants Ltd	218.53
07	Redington India Ltd	209.20
08	Vishal retails Ltd	202.67
09	Time technoplast	159.42
10	Indus Fila Ltd	145.94

BSE & NSE indexes 16783.87 and 5049 dated 22.4.2008)

SL.No **Company Name** Gain (in %) 01 House and Pearl fashions Ltd -70.44 02 Broad cost Initiatives Ltd -67.91 03 -60.10 Oriental trimex 04 IVR prime urban Dovp..Ltd -59.87 05 Alpa Laboraories Ltd -57.27 06 Transwarranty finance Ltd -56.92 07 Hilton Metal forging Ltd -55.78 08 Decolight Ceramics Ltd -54.53 09 AMD Industry Ltd -54.13 10 K.P.R. Mills Ltd -53.91

Table 8. Top 10 losers in bear grip market

BSE & NSE indexes 16783.87, 5049 dated 22.4.2008

#### 6. MAJOR FINDINGS OF THE STUDY

- 1. In the financial year 2007-08, 107 companies entered capital market through IPOs, and successfully listed in the BSE and NSE.
- 2. These companies belong to different sectors like, Construction, Textile and Garments, IT and ITES, Financial services.
- 3. Private companies are dominated in the new issues.
- 4. Out of 107 issues, 86 companies gained in listing their shares in BSE and NSE and rest of the companies reported negative return to the investors.
- 5. As far as the listing gains are concerned individual stock like Global Broad Caste News Ltd gained above 88.0 per cent return in the financial 2007-08.
- 6. At the same time some stocks listed below offer price and incurred nearly 19.0 per cent loss for example Orbit Corporation
- 7. During the peak market (Bullish) conditions i.e. when BSE SENSEX Indices 20,728 and NSE 6206.80 on 15<sup>th</sup> January 2008, out of 107 companies, most of the companies i.e. 80 companies share are traded for high prices and reported handful return to the investors.
- 8. In the peak market, many individual stocks like Orbit Corporation, Evernon Systems Ltd, MIC Electronics gave high rate of returns to the investors
- 9. In the bearish trend (declining) when BSE SENSEX 16,783.87 and NSE 5049 on 22<sup>nd</sup> April 2008, some of the individual stocks like Evernon System India Ltd gave 380.71 per cent returns and maximum loss incurred companies like House and pearl fashions Ltd (i.e. -70.44 %).
- 10. Last but not least, the study shows that, Market forces and Individual companies' performance reflect stock performance.

## 7. CONCLUSION

Unlike in the past, the key characteristics of the prospective issues are one or a combination of well-established companies or promoters. In the forthcoming year will witness some super mega issues, mid sized issues, and private companies will dominate in numbers.

## **REFERENCES:**

- [1]. \*\*\* News letters of stock exchanges
- [2]. \*\*\* Business Line Newspapers of 26<sup>th</sup> and 30<sup>th</sup> July 2007
- [3]. \*\*\* RBI Bulletin
- [4]. \*\*\* Hindu Newspapers on 18<sup>th</sup> -24<sup>th</sup> November 2007
- [5]. \*\*\* Investment management Prasanna Chandra