FINANCE INDIA
© Indian Institute of Finance
Vol. XXXV No. 4, December 2021
Pages – 1231-1244

Determinants of Underpricing of Initial Public Offerings in India

ASHOK BANTWA*
KAUSHL BHATT**

Abstract

This paper is aimed at empirically exploring the level of underpricing and determinants of underpricing of Initial Public Offerings (IPOs) in Indian capital market. An underpriced IPO is one in which the final issue price is meaningfully lower than the closing price of the stock on listing day. The scope of the study is limited to the sample of 350 IPOs listed on Bombay Stock Exchange between January 2007 to December 2015. To get possible explanation for level of underpricing of IPOs stepwise regression has been used to study the impact of various factors like issue price, offer size, listing delay, age of firm, number of shares allotted, level of subscription, distance of issue price from price band, trading volume on listing day, issue duration, market adjusted return on opening and turnover rate on level of underpricing. It has been found that the sample IPOs are underpriced by 16.30% with maximum level of underpricing of 243.55%.

JEL Code: G12; G14; G24; G32

Keywords: IPO, Underpricing, Subscription, Listing, BSE, Stocks, India

I. Introduction

CAPITAL IS THE lifeblood of every organization. Most companies start up by raising equity capital from a small number of investors. To finance the growth of the company, it has to go public by issuing securities to a large number of investors. A company can issue securities in three ways i.e. public issue, right issue and Private placement. In fact, public issue has become the most popular way of raising finance in India Adam M (2012). There are two types of costs incurred by the firm which chooses IPOs for raising funds. While the direct costs are printing, accounting, auditing expenses, and legal and underwriting fees, the indirect costs are dilution of the existing

^{*} Research Scholar, Gujarat Technological University, GJ SH 41, Near Visat Three Roads, Nigam Nagar, Chandkheda, Ahmedabad, Gujarat 382424, INDIA

^{**} Assistant Professor, CGBS, Gujarat Technological University, GJ SH 41, Near Visat Three Roads, Nigam Nagar, Chandkheda, Ahmedabad, Gujarat 382424, INDIA

1244 Finance India

References

Garg, Ajay P.A., (2008), "IPO Underpricing in India", The Icfai Journal of Applied Finance, Vol. 14, No. 3, pp. 32-42

Ajay, P., (2000), "Initial returns, long run performance Characteristics of issuers Differences in Indian IPOs following fixed price and book building mechanism", Indian Institute of Management Ahmedabad.

Allen, F. and G. R. Faulhaber, (1989), "Signalling by underpricing in the IPO market", *Journal of financial Economics*, Vol. 23, No. 2, pp. 303-323

Pande, Alok R.Vaidyanathan, (2009), "Determinants of IPO Underpricing in the National Stock Exchange of India", *ICFAI Journal of Applied Finance*, Vol. 11, No. 1, pp. 15-30

Chowdhry, B. and A. Sherman, (1996), "The winner's curse and international methods of allocating initial public offerings", *Pacific-Basin Finance Journal*, Vol. 4, No. 1, pp. 15-30

Ghosh, S., (2005), "Underpricing of initial public offerings: The India experience", *Emerging Markets Finance and Trade*, Vol. 41, No. 6, pp. 45-57

Hedau, A. and Vickram K. Joshi, (2015), "Under Pricing Anomaly–Empirical Evidence from Indian Capital Market", *International Journal of Innovative Research and Development*, Vol. 4, No. 12

Jacob, Joshy and Subhash Kumar Agarwalla, (2015), "Mandatory IPO grading: does it help pricing efficiency?", Vikalpa, Vol. 40, No. 2, pp. 132-144

Jain, N. and A. Jain, (2013), "Publicly available information and the pricing of book built IPOs: Evidence from India", *Journal of Economic and International Finance*, Vol. 5, No. 1, pp. 1-16, April 2013

Jain, N. and C. Padmavathi, (2012), "Underpricing of initial public offerings in Indian capital market", *Vikalpa*, Vol. 37, No. 1, pp. 83-96

Kumar, S.S.S., (2007), "Short and long-run performance of book built IPOs in India", International Journal of Management Practices and Contemporary Thoughts, pp. 19-29

Loughran, T., J.R. Ritter and K. Rydqvist, (1994), "Initial public offerings: International insights", *Pacific-Basin Finance Journal*, Vol. 2, No. 2-3, pp. 165-199

Madan, A. Arjun (2003), "Investments in IPOs in the Indian Capital Market", *Bimaquest*", Vol. 3, No. 1, pp 24-33.

Marszk, Adam, (2012), "Initial public offerings in China and India", *Advanced Research in Scientific Areas*", December 2012, pp. 3-7

Sehgal, S. and B.K. Sinha, (2013), "Valuation of IPOs in India-an empirical study", Business and Economic Research, Vol. 3, No. 2, pp. 183-204

Shah, A., (1995), "The Indian IPO market: empirical facts", Working Paper, Indira Gandhi Institute of Devlopment Research (IGIDR), SSRN, pp. 1-29

Sheokand, A., (2015), "A comprehensive study on Under Pricing in Indian Initial Public Offerings", *International Journal of Informative and Futuristic Research*, Vol. 2, No. 8, pp. 2507-2517

Singh, S. and B. Singh, (2008), "Oversubscription and IPO underpricing: evidence from India", *The ICFAI Journal of Applied Finance*, Vol. 14, No. 12, pp. 65-73

Su, D., (2004), "Leverage, insider ownership, and the underpricing of IPOs in China", *Journal of International Financial Markets, Institutions and Money*, Vol. 14, No. 1, pp. 37-54