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# CONTENTS

Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	THE CONTRIBUTION OF FINANCIAL MANAGEMENT PRACTICES TO FINANCIAL CHALLENGES FACING LOCAL AUTHORITIES IN SERVICE DELIVERY IN KENYA JOHN NTOITI, ROSELYN W. GAKURE, DR. ANTONY WAITITU & DR. MOUNI GEKARA	1
2.	OUTBOUND INDIAN TOURIST'S PERCEPTION OF SINGAPORE TOURISM : A LESSON FOR INDIAN TOURISM DR. RAVINDER VINAYEK & ARCHANA BHATIA	14
3.	EVALUATION OF PRODUCTIVITY AND PROFITABILITY OF SELECT SCHEDULED COMMERCIAL BANKS IN INDIA DR. U.JERINABI & LALITHA DEVI.T	22
4.	CHARACTERISTICS OF LAISSEZ-FAIRE LEADERSHIP STYLE: A CASE STUDY DR. L. JIBON KUMAR SHARMA & DR. S. KESHORJIT SINGH	29
5.	TOTAL QUALITY MANAGEMENT AND CREATIVE THINKING IN THE HEALTH CARE INDUSTRY DR. CHRIS EHIOTBUCHÉ	32
6.	IMPACT OF CSR INITIATIVES ON CONSUMER BEHAVIOR PUSHKALA MURALIDHARAN, DR. C. MADHAVI & DR. SITALAKSHMI RAMANAN	37
7.	CAPITAL STRUCTURE (DEBT-EQUITY) OF INDIAN REAL-ESTATE INDUSTRY (IREI): A STUDY K KISHORE KUMAR REDDY & C. SIVARAMI REDDY	42
8.	CONSUMER BEHAVIOR, ATTITUDE & COGNITIVE DISSONANCE TOWARDS MWO: AN EMPIRICAL STUDY WITH SPECIFIC RELEVANCE TO URBAN MIDDLE CLASS OF KOCHI ANIL KUMAR.N & DR. JELSY JOSEPH	47
9.	VENTURE CAPITAL INVESTMENTS IN INDIA SRINIVAS K T	57
10.	CHILDREN'S UNDERSTANDING OF TV ADVERTISING: A STUDY OF THE CHILDREN IN DELHI AND NCR ZUHAIB MUSTAFA, DR. RESHMA NASREEN & DR. FAROOQ AHMAD SHAH	61
11.	IMPACT OF CELEBRITIES ADVERTISEMENT TOWARDS COLLEGE STUDENTS S.JEYARADHA & DR. K. KAMALAKANNAN	66
12.	DETERMINANTS OF PROFITABILITY OF COMMERCIAL BANKS IN INDIA DR. UPASNA JOSHI & NEETI KHULLAR	71
13.	A STUDY ON ENVIRONMENT FRIENDLY MARKETING AVINASH PAREEK & DR. SATYAM PINCHA	77
14.	EMERGING TRENDS OF UNIVERSAL BANKING IN INDIA RENU SINGLA & KALIKA JAIN	81
15.	THE IMPACT OF THE PERCEIVED QUALITY, CUSTOMER SATISFACTION, BRAND TRUST AND CONTEXTUAL FACTORS ON BRAND LOYALTY MUHAMMAD RIZWAN, ALI USMAN, TAJAMUL HUSSAIN, AKASHA SHAFIQ, SANA RAUF & QURAT UL AIAN AYAZ	83
16.	HOW TO REMOVE THE UNCERTAINTY CONCERNING THE CONTINUITY OF ENTITY: THE STRONGEST EVIDENCE FROM THE VIEW POINT OF THE AUDITORS IN SAUDI ARABIA DR. BADI SALEM ALRAWASHDEH	90
17.	EMPIRICAL INVESTIGATION OF SERVICE QUALITY IN RETAIL BANKING: COMPARISON OF STATE BANK OF INDIA AND ICICI BANK, AHMADABAD RASHI M. GOPLANI	93
18.	CONSUMER LITERACY REGARDING CONSUMER PROTECTION ACT, 1986 SUDESH KHARB	97
19.	A STUDY ON ETHICAL ASPECTS OF ACCOUNTING PROFESSION- AN EXPLORATORY RESEARCH IN MSMEs CHANDRA HARIHARAN IYER & DR. G.RAVINDRAN	105
20.	THE ROLES AND CHALLENGES OF SHARE COMPANIES IN ETHIOPIA NIGUS ABERA	110
21.	CONSUMER MARKET PURCHASE DECISION: A STUDY ON DURABLE GOODS IN JAFFNA DISTRICT SATHANA.VAIKUNTHAVASAN	115
22.	RELATIONSHIP BETWEEN CAPITAL STRUCTURE AND FINANCIAL PERFORMANCE: EVIDENCE FROM INDIAN STOCK MARKET POOJA V. MEHTA	121
23.	AN EMPIRICAL STUDY ON FACTORS AFFECTING CONSUMER SATISFACTION IRSHAD AHMAD BHAT, NAFEEES AHMAD RATHER & FAROOQ AHMAD MIR	125
24.	RISKS IN HOUSING FINANCE THE COMMERCIAL BANKS EXPOSED TO – AN OVERVIEW RAJU D	129
25.	THE CAPITAL STRUCTURE PUZZLE SHIVI KHANNA	134
26.	FOREIGN DIRECT INVESTMENT IN INDIA: A CRITICAL ANALYSIS BHUSHAN AZAD	137
27.	CONSTRAINTS IN FINANCING OF SMEs: A CONCEPTUAL PAPER IN THE PERSPECTIVE OF PAKISTAN AAMIR AZEEM & ASMA RAFIQUE CHUGHTAI	143
28.	A SIMPLE PRICING MODEL FOR CALL OPTIONS TRADED IN NSE NIFTY OPTION MARKET: THEORY, MODEL & EMPIRICAL TEST JAYAPALAN.C	147
29.	AFFECT OF SALES PROMOTIONAL TOOLS ON PURCHASE INTENTIONS OF CONSUMERS MUHAMMAD RIZWAN, MUHAMMAD ATIF MAHAR, NOMAN SHOUKAT, RANA ZEESHAN JAVID, GULAN KHAN, MUHAMMAD DILSHAD BHATTI & MUSAB MAMOON KHICHI	156
30.	SOCIAL MEDIA MARKETING: AN IMPORTANT PHASE IN MODERN BUSINESS MANAGEMENT MAHESH L & DR. AMULYA.M	162
	REQUEST FOR FEEDBACK	165

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## FOREIGN DIRECT INVESTMENT IN INDIA: A CRITICAL ANALYSIS

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**ABSTRACT**

*This paper attempts, through a critical analysis, FDI is a non-debt creation source of additional external finances and at the micro level, FDI is expected to boost output, technology, skill levels, and employment regions of the host economy. The aim of FDI is to supplement the domestic capital and technology. FDI is a type of investment that involves the injection of foreign funds in to an enterprise that operates in a different country of origin from the investor. The exchange of such investment flows benefits both the Home Countries and the host country. FDI facilitates international trade and transfer of knowledge, skills and technology, The FDI can play catalytic role in a growing economy like India. The role of FDI is becoming increasingly significant in the Indian economy. The FDI is a part of future of Indian economy. FDI is a double edged weapon and it is not the only right solution to balance of payments crises. It is safely concluded that the cost of FDI flows have been on the high side or much more as in case of other sources of money. Hence the need of the hour is to adopt more cautious policy in regard to FDI flows by the host nations so that it could not become a source of gathering liabilities other than assets.*

**KEYWORDS**

FDI, foreign investors.

**INTRODUCTION**

One of the most striking aspect to the current trend of globalization is the exponential growth of foreign direct investment flows or the multinational enterprises activity. The Rapid expansion of FDI by multinational enterprises since the mid eighties may be attributed to significant change in technologies, liberalization of trade and investment regimes and deregulation and privatization of markets in many countries including developing countries like India. Fresh investment as well as merge and acquisitions play an important role in the cross country movement of FDI. An important question that arises in whether FDI merely act as filler between domestic savings and investment or whether it serves purpose as well. At the macro level-FDI is a non debt creating source of additional external finances. This might boost the overall output, employment and export of an economy. At the micro level the effects of FDI need to be analysis for change that might occur at sector level output, employment and forward and backward linkage with other sector of the economy. There are fears that foreign firm might displace domestic monopolies and replace these with foreign monopolies which may, in fact, create worse conditions for customers. Thus it is important to have an efficient competition policy along with sector regulation in place. While the quantity of FDI is important, equally important is the quality of FDI. The major factor that might provide growth impetus to the host economy include the extent of localization of the output of the foreign firms plan, its export orientation, the vantage of technology used, the Research & Development (R&D) best suited for the economy, employment generation, inclusion of the poor and rural population in the resulting benefits and productivity inancement.

**DEFINITION OF FOREIGN DIRECT INVESTMENT**

According to **Krugman** and **Obstfeld**, foreign investment is international capital flows in which a firm in one country creates or expands a subsidiary in another. It involve not only a transfer of resources but also the acquisition of control. That is, the subsidiary does not simply have a financial obligation to the parent company, it is part of the same organizational structure.

**METHODS OF FDI**

The Foreign Direct Investment may acquire voting power of an economy through any of the following methods:

- (i) By incorporating a wholly owned co.
- (ii) By acquiring shares in associated enterprise.
- (iii) Through a merger or an acquisition of an unrelated enterprise.
- (iv) Participating in an equity joint venture with another investor or enterprise.

**AN OVERVIEW OF FDI IN INDIA**

The historical background of FDI in India can be traced back with the establishment of East India Company of Britain. British capital came to India during the Colonial era of Britain in India. After Second World War, Japanese companies entered Indian market and enhance their trade with India, yet U.K. remained the most dominant investor in India. Further after independence issues relating to foreign capital, operations of MNC's gained attention of the policy makers keeping in mind the national interests the policy makers designed the FDI policy which aims FDI as a medium for acquiring advanced technology and to mobilize foreign exchange resources. The evaluation of Indian FDI can be divided into three phases classified on the premises of the initiative taken to induce foreign investments into the Indian economy:

- (a) The first phase, between 1969 and 1991, was marked by the coming into force of the monopolies and Restrictive Trade Practices Commission (MRTP) in 1969, which impose restrictions on the size of operations, pricing of products and services of foreign company. The Foreign Exchange Regulation Act (FERA), enacted in 1973, limited the extent of foreign equity to 40%, though this limit could be raised to 74% for technology-intensive, export-intensive and core sector industries. Selective licensing regime was instituted for technology transfer and sodality payments and applications are subjected to export obligations.
- (b) The second phase, between 1991 and 2000, witnessed the liberalization of the FDI policy, as part of the Government's economic reform program. In 1991 as per the 'Statement on Industrial Policy', FDI was allowed on the automatic route, up to 51% in 35 high priority industries. In 1996 the automatic approval route for FDI was expanded from 35 to 111 industries, under four categories (Part A up to 50%, Part B up to 51%, Part C up to 74% and Part D up to 100%).
- (c) The third phase, between 2000 till date, has reflected the increasing globalization of the Indian economy. In the year 2000, a paradigm shift occurred, wherein, except for negative list, all the remaining activities were placed under the automatic route. Caps were gradually raised in a number of sectors/activities. Some of the initiatives that were taken during this period were that the insurance and defense sectors were opened up to a cap of 26%, the cap for telecom services was increased from 49% to 74%, FDI was allowed up to 51% in single brand retail.

**REVIEW OF LITERATURE**

**Iqbal Alam Badar (2000)** review the trend and dimension in regard to flow of global FDI to different region and countries during the present decade of 90's which is called or known as a decade of enormous flow of global FDI and examine its flip side. **Talerngsri Pawin (2001)** examine the influences of location specific

characteristic of host industries such as factor endowment trade costs and policies factor more distinctively it examines the effect of vertical linkage among Japanese firms. The study finds out that Japanese FDI in Thailand was not evenly distributed across manufacturing activities. Some capital/ technological intensive industries like rail equipment and air craft did not receive any FDI during a specific period. On the other hand other relatively labour intensive industries like TV, Radio and communication equipment industry and motor vehicle industry received disproportionately larger value of FDI. **Mishra Pulak (2002)** in their article considering that the trends of FDI has to be reversed failing with the Indian industry sector will lose much in the present era of globalisation and completion, efforts should be immediately made not only in removing the imperfection and making the policy framework more consistent, transparent and rule based but also in creating an investor friendly environment by eliminating different obstacles to proper implementation of these measures as well as providing necessary infrastructure facilities. **Mahajan Vibha (2005)** find out ways how India can attract foreign investment. In order to make the foreign investment policy more transparent and less complex, the govt. has done away with pre equity approvals if a certain set of preconditions are met. This combines with other factors such as high economic growth in the main home and host countries, improve corporate profitability and higher stock valuation point to a recovery of FDI flows, other components of FDI (equity and intercompany loans) are also to pick up. Lot of measures are being taken up by Govt. Of India to attract foreign direct investment so that the gap between the approvals and the actual can be reduced. **Banga Rashmi (2006)** highlights the export diversifying impact of foreign direct investment in a developing country. FDI may lead to export diversification in the host country if it positively affects the export intensity of industries that have a low share in world export intensity of industries that have a low share in world exports. Indirectly FDI may encourage export diversification through spillover effects that is the presence of FDI in an industry may increase the export intensity of domestic firms. The imperial result for the Indian economy in the post liberalization period show that FDI from US has led to diversification of India's exports both directly and indirectly. However Japanese FDI has had no significant impact on India's export.

## NEED OF THE STUDY

It is widely known that capital inflows into developing economies like India have risen sharply in nineties and has, therefore, become a self propelling and dynamic factor in the accelerated growth of the economies. The 1990's can be described as the most important decade in the history of Indian economy, when finance minister came with a reform agenda of liberalization, globalization and privatization to boost up Indian economy. Liberalization and globalization opened the gates to domestic capital market and foreign direct investment. Such initiatives helped to boost up the Indian economy.

This study focuses on FDI as vector of Indian globalization. Recently not only did India become a more frequent destination for FDI, but also many Indian firms have started investing abroad in a big way. The impassioned advocacy of increased FDI flows is based on the well worn argument that FDI is a rich source of technology and knowhow; it can invigorate the labour oriented export industries of India, promote technological changes in the in the industries and put India at a higher growth path. This exuberance of FDI needs to be based on analytical review of India's needs and requirements and her potential to participate in huge investment flows. Thus there is a definite need to incorporate the various dimensions of FDI into a theory of open economy development so as to explain in one integrated theoretical paradigm, the undercurrents of both inwards and outwards FDI flows. The empirical literature on the relationship between FDI and development is mixed. Despite a number studies are seeming contradictions, two consistent issues that repeatedly arises are:

- What are the motivators/reasons for FDI?
- What are the economic implications of FDI flow?

Hence a detailed analysis of FDI into India requires an examination of the determinants and impact of FDI in the Indian economy. This study took a closer look at the structure of foreign direct investments into India. It traces the development of India's economic policy regarding changes in FDI inflows. The expansion of FDI into India has been accompanied by a rapid economic growth and an increasing openness to the rest of the world. It is equally important to understand why India has become one of the important beneficiaries of FDI in the world and drives the more recent progress of India's inward FDI.

## SCOPE OF THE STUDY

The present study involves foreign direct investment reforms in India. The study examines the effect of those reforms on the growth of foreign investment inflow in India. The reference period of the study is from the year 1991 to 2010. The study is based up on secondary information and the relevant information has been collected from various relevant sources of statistical tables related to foreign investment in India. The time series data on different FDI parameters has been collected, analyzed and interpreted. The main indicators on which the performance of FDI can be evaluated are FDI inflows, country wise FDI inflow, region wise FDI inflow and route wise FDI inflow to India. The study also includes a comparative analysis of Indian and Chinese economy on the basis of FDI inflows since 1991 to 2010, the main indicators of the comparative analysis is Global Corruption Index and World Competitive Index.

## OBJECTIVES OF THE STUDY

The present study has been undertaken with a conduct empirical analysis of status of FDI in India and made a comparative analysis between Indian and Chinese economy. Thus the objectives of present study can be enumerated as follows :

- To analyse the pattern and direction of FDI inflow in India.
- To analyse the role of FDI in the development of Indian economy.
- To make a comparative analyse between Indian and Chinese economy.
- To rank the various sectors based up on highest FDI inflow.
- To identify the countries which gives India maximum FDI inflow?

## HYPOTHESIS OF THE STUDY

- 1)  $H_0$  – There is no significant impact of FDI on GDP.  
 $H_1$  – There is significant impact of FDI on GDP.
- 2)  $H_0$  – There is no significant positive relationship between FDI and BSE.  
 $H_1$  – There is significant positive relationship between FDI and BSE.



## TESTING OF HYPOTHESIS

TABLE 1: FDI INFLOWS, GDP &amp; AVG. BSE

Year	FDI Inflow	GDP at Factor Cost	Avg. BSE
1991	409	1099072	1451.215
1992	1094	1158025	3246.03
1993	2018	1223816	2719.565
1994	4312	1302076	4024.595
1995	6916	1396974	3417.555
1996	9654	1508378	3422.17
1997	13548	1573263	3851.03
1998	12343	1678410	3531.61
1999	10034	1786525	4096.62
2000	10368	1864301	4821.12
2001	18486	1972606	3528.49
2002	13711	2048286	3293.375
2003	11786	2222758	4412.6
2004	14653	2388768	5422.325
2005	24613	2616101	7756.155
2006	70630	2871120	11417.16
2007	98664	3129717	16407.11
2008	123025	3339375	14452.08
2009	172849	3578128	12789.06
2010	202453	3896375	18380.32

Source: Various Publications

HYPOTHESIS -1  
Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	1609878.3	101384.79		15.879	.000
FDI	12.734	1.413	.905	9.010	.000

<sup>a</sup>Dependent Variable: GDP,  $R^2 = .819$  Adjusted  $R^2 = .808$ HYPOTHESIS-2  
Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	3416.535	541.187		6.313	.000
FDI	.078	.008	.925	10.344	.000

<sup>a</sup>Dependent Variable : BSE,  $R^2 = .856$  Adjusted  $R^2 = .848$ 

## HYPOTHESES-1

$H_0$ -The null hypothesis assumes that there is no significant impact of FDI on GDP in India.  $H_1$ -The alternative hypothesis assumes that there is significant impact of FDI on GDP in India. In order to test the hypothesis FDI has been taken as independent variable and GDP at factor cost as dependent variable. It is stated that independent variable is significant at 1 per cent level of significance. It shows that there is clear impact of FDI on GDP and some other unknown factors also plays significant role. In Table, the 'B' value is 12.734 which indicates that elasticity between FDI and GDP is 12.734. It resulted that ₹1 increase in FDI leads to 12.734 increase in GDP that helps in boosting growth rate of India. Therefore  $H_0$  is rejected and  $H_1$  is accepted as there is significant impact of FDI on GDP in India.

## HYPOTHESES-2

$H_0$ -The null hypothesis assumes that there is no significant positive relationship between FDI and BSE.  $H_1$ -The alternative hypothesis assumes that there is significant positive relationship between FDI and BSE. In order to test the hypothesis FDI has been taken as independent variable and BSE as dependent variable. It is stated that independent variable is significant at 1 % level of significance the coefficient Table 'B' value is .078 which indicates that elasticity between FDI and BSE. It shows a positive relationship between FDI and BSE because if FDI increases ₹1 then BSE increases by .078 points. Therefore  $H_0$  is rejected and  $H_1$  is accepted as there is positive relationship between FDI inflow and BSE.

## LIMITATIONS OF THE STUDY

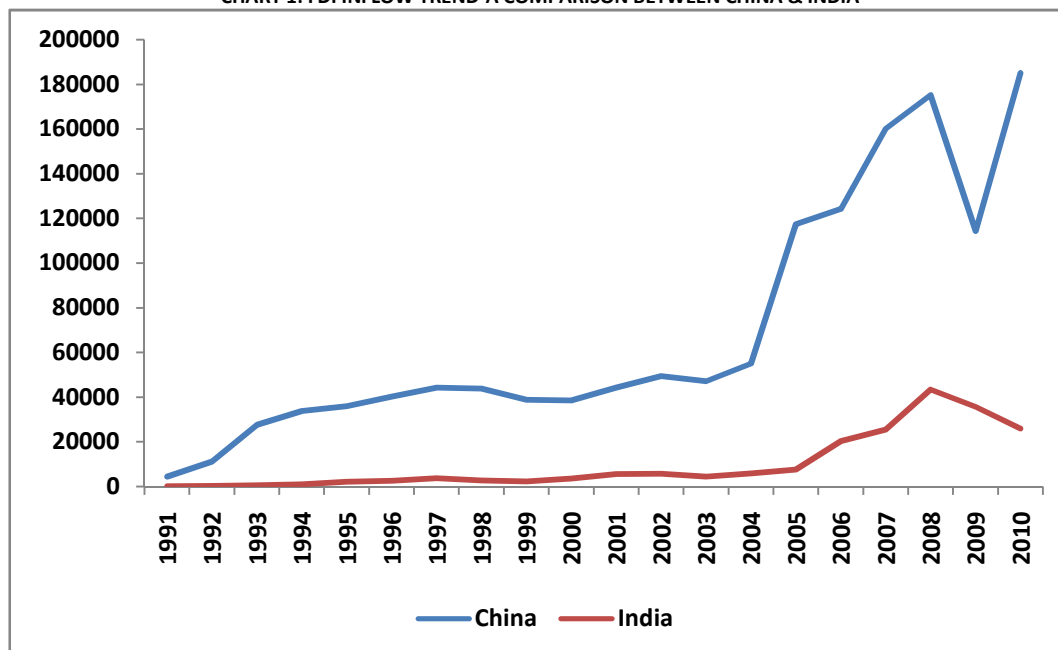
Best efforts have been made in this research to shape it a master piece for users, research scholars and the organizations directly and indirectly dealing activities of FDI in India. However, the researcher had to face certain limitations in the form of non-availability or delay in getting relevant data, monetary constraints during data collection non comparability of data, some of the limitations are pin pointed here under –

- 1) The study covers twenty years data only ranging from 1991 to 2010, and it does not include data before globalization.
- 2) The data used may be biased as it has been incorporated from secondary sources of information.

## FDI IN INDIA AND CHINA-A COMPARATIVE ANALYSIS

In 2009, China became second largest FDI recipient in the world after the United States, whilst India paced ninth (UNCTAD, 2010). In the same year, both countries were ranked amongst the top three in the most preferred FDI locations in the UNCTAD's World Investment Report Prospects Survey 2009-2011. On the surface, China and India present a number of similarities. The two countries are the world's most populous, both with over one billion citizens, and feature amongst the largest economies in the world. On GDP at purchasing power parity, China is now the world's second major economic power, while India is ranked eleventh. Prior to their openness to global markets, China and India were low per capital income countries, with an economy based largely on agriculture and an inward looking development strategy. Since then, they have embarked on a massive programme of economic reform opening their markets considerably to FDI and trade. Launched in 1978 and led by Deng Xiaoping, China's economic reforms process has seen the growth rate accelerate from an average of 5.2 per cent a year, during the period from 1960 to 1978 to 9.94 per cent a year from 1979 to 2009 (World Bank 2010). In the case of India, its reform process gathered momentum in 1991, under the Narasimha Rao government. The Indian economic growth rate moved from an average of 4.8 per cent between 1960 and 1991 to 6.47 per cent since 1991 (World Bank 2010). Despite such apparent similarities, the Chinese and Indian experiences have hardly been synchronized.

CHART 1: FDI INFLOW TREND-A COMPARISON BETWEEN CHINA &amp; INDIA



Source: OECD International Direct Investment Data Base Eurostat IMF

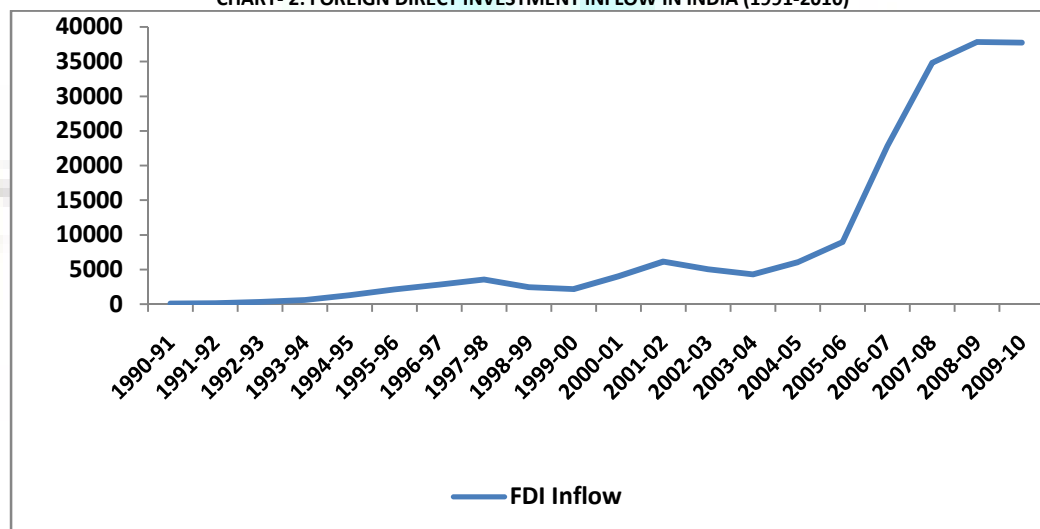
China currently attracts significantly more foreign investment than India. In 2009, for instance, China's yearly flows of foreign direct investment, at US \$ 114200 million, were nearly four times greater than India's, while its share of global FDI inflows stood at 89.5 per cent compared to only 3.1 per cent for India (UNCTAD 2010). Likewise, China's total FDI stocks in 2009 represented almost three times that of India. This disparity that exists in the level of FDI between the two countries has changed considerably in recent years. According to the OECD, China's index of FDI restrictiveness, in 2009, stood at 0.457, whilst, rather surprisingly, India's was only 0.220. An index of 0 indicates complete openness to FDI, while 1 indicates the total lack of it. The index includes, among other things, equity restrictions, approval requirements, restrictions on the amount of foreign key personnel, limits on the purchase of land and repatriation of profits and capital.

The reason for India's greater openness to FDI stem mostly from recent measures aiming at liberalising the economy, and policies to facilitate and promote foreign investment. For instance foreign investment of up to 100 per cent is now allowed without the govt. approval in almost all sectors of the Indian economy, except those subject to sectorial caps. Other measures include the repatriation of capital made easier and at lower cost and better protection of intellectual property rights. According to figures released by UNACTD (2010) growth in the equity FDI inflows to India have increased nearly thirteen fold between the financial year 2003-04 and that of 2009-10. Yet, one may wonder why China still continues to outperform India in attracting FDI given the advantages of the latter in having a democratic system, a significant speaking workforce and dispute a lower FDI restrictiveness index. The answer appears to be related to domestic conditions with in India. These include - bureaucratic barriers at the state level and lack of coordination between state and central governments. For instance issues such as land acquisition, land use charge, power connection, building approval plans are all decided at state level. In its 2010-2011 global competitiveness report. The World Economic Forum (2010) lists the "inadequate supply of infrastructural" as the principal problematic factor as doing business in India followed by "Corruption" and the "inefficient government bureaucracy".

### TRENDS OF FDI INFLOW IN INDIA

In the response to the policy of liberalization the FDI has now been allowed in all sectors (except a negative list) resulting inflows of FDI increased US \$ 97 in the year of liberalization, than after it is increased continuously, except in the years 1998-99, 1999-00 and 2002-03, 2003-04.

CHART- 2: FOREIGN DIRECT INVESTMENT INFLOW IN INDIA (1991-2010)



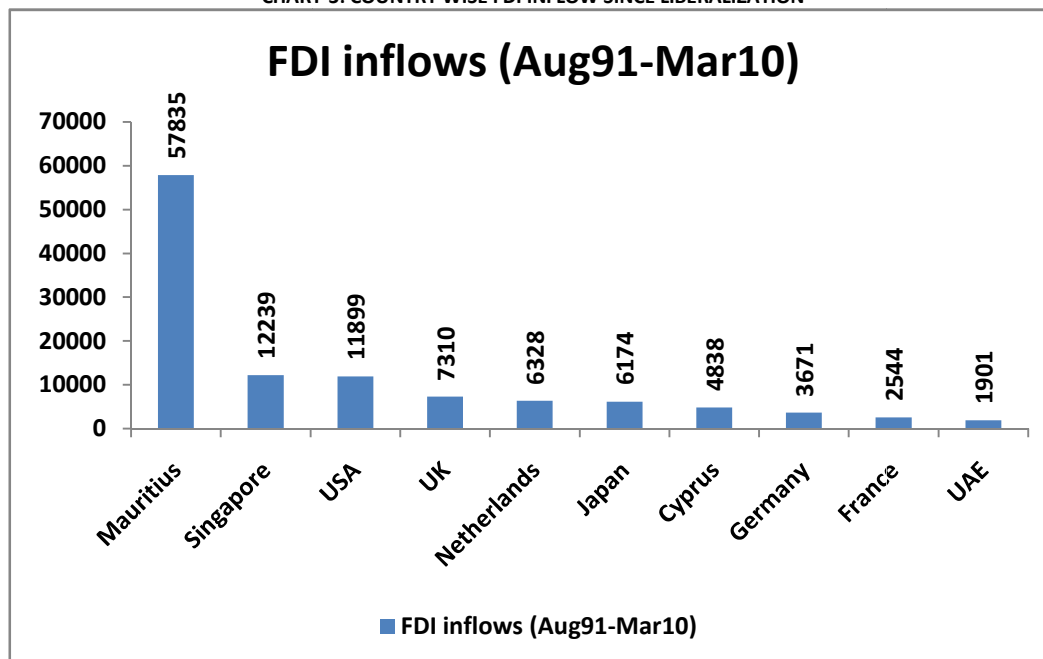
Source: Department Of industrial Policy &amp; Promotion, Govt. Of India

The inflows of FDI declined to US \$ 2462 million in 1998-99 and US \$ 2155 million in 1999-2000. Several restriction imposed on India by US on account of nuclear test at Pokhran, slow down of economy, political instability, restrictions imposed on FDI regarding TRIMs (Trade Related Investment Measures) etc. are the some of the contributing factors for this declining trend in the years 1998-99, 1999-00. . These are the four years when the inflows growth rate of FDI is negative after liberalization.

## SOURCES OF FDI IN INDIA

There is a clear strong worldwide competition for attracting FDI. Generally FDI means capital inflows & outflows from or to abroad those is invested in the production capacity of the host economy and are usually preferred over other forms of external finance because they are non debt crating non volatile and their return depends on the performance of the project financed by the investors.

CHART-3: COUNTRY WISE FDI INFLOW SINCE LIBERALIZATION



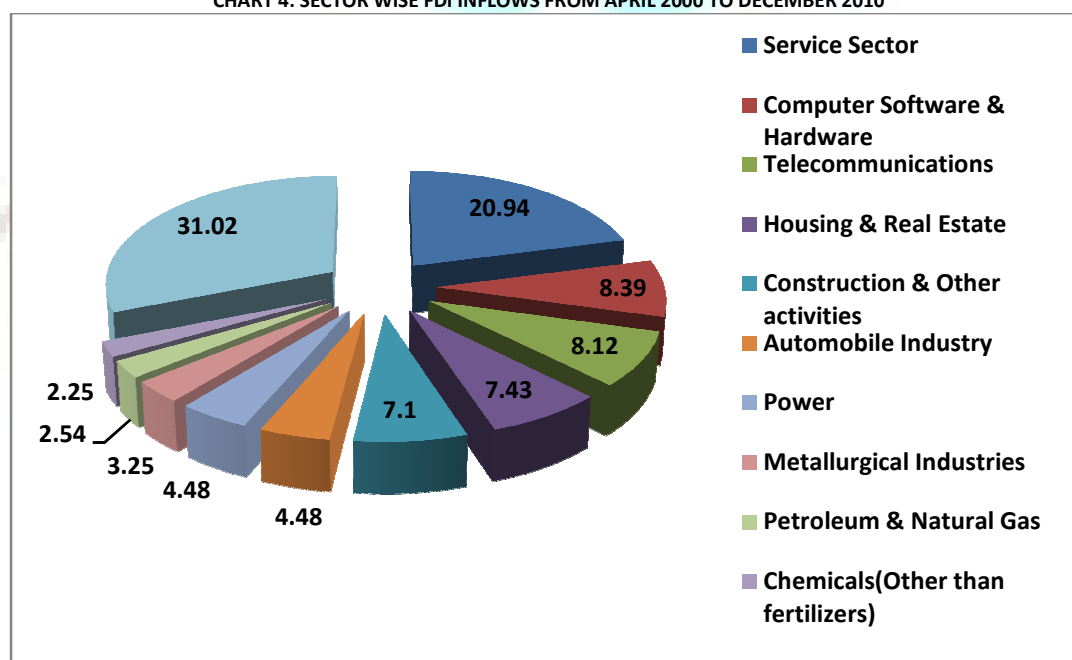
Source: Department Of industrial Policy & Promotion, Govt. Of India

Among the top ten counties, Mauritius has been the largest direct investor in India. Firms based in Mauritius invested US \$ 57835 million in India between Aug 1991 to Mar 2010 or over 39 percent of the total FDI inflows during that period. Mauritius has low rate of taxation and an agreement with India on double taxation avoidance regime. To make advantage of that situation, many companies have set up dummy companies in Mauritius before investing in India. The Singapore is the second largest investor in India. The total capital flows from Singapore was US \$ 12239 million between Aug 1991 to Mar 2010 which accounts the 8.4 percent of the FDI inflows. The United States is the third largest investor in India. The total capital flows from the US was US \$ 11899 million, which accounts the 8.1 percent of the FDI inflows most of the US investments are directed to the fuel, telecom, electrical equipments, food processing and service sector. The United Kingdom and the Netherlands are India's fourth and fifth largest FDI inflows. The investment to these counties to India are primarily concerned in the power/energy, telecom and transportation sectors. Japan was the sixth largest source of cumulative FDI inflows in India between Aug 1991 to Mar 2010. These top ten countries accounts almost 80 percent of total FDI inflow to India.

## SECTOR WISE FDI INFLOW

It would be interesting to analyze the sector wise FDI inflow in India as shown in the Chart 3. Sector wise FDI inflow in India, Chart 3 reveal that for the entire period form Jan 2000 to Dec 2010. Service sector is at top. It indicates that the majority of inflows during the period of Jan 2000 to Dec 2010 have been in service sector amounts to US \$ 26454 million, which is almost 21 percent of the total FDI inflow. Computer Software & Hardware is the second highest attracting sector after service sectors. It gets a US \$ 10600 million FDI inflow which is 8.39 percent of the total FDI inflow.

CHART 4: SECTOR WISE FDI INFLOWS FROM APRIL 2000 TO DECEMBER 2010



Source: Department Of industrial Policy & Promotion, Govt. Of India

Telecommunications and Housing & Real Estates placed at Third and Forth amounted to US \$ 9380 and US \$ 8963 million respectively which accounts 8.12 percent and 7.43 percent. Construction and other activities, Automobile Industry, Power, Metallurgical Industries, these industries are placed at fifth, sixth, seventh and eighth place they all contribute almost 20 percent of FDI inflow. Ninth and tenth place is occupied by Petroleum and Natural Gas, Chemicals (other than fertilizers) these two sectors constitute 5 percent of total FDI inflow to India. These top ten sectors constitutes almost 70 percent of total FDI inflow to India.

## CONCLUSION & SUGGESTIONS

The study illustrate that there has been positive impact of FDI on overall growth of the economy. India has registered tremendous growth in FDI inflows during last decade and total inflow cross the level of US \$ 30 million. But when it is compared with other countries and continents the figures of FDI inflows are not encouraging. India's share in world FDI rose to 1.3 per cent in 2007 as compared to 0.7 per cent in 1996; this can be attributed to the economic reform process of the country for the last eighteen years. China is the most attractive destination and the major recipient of global FDI inflows among emerging nations. India is at 5<sup>th</sup> position among the major emerging destinations of global FDI inflows. The study also provides possible reasons behind China's great show of FDI and the lessons India should learn from China for better utilization. The majority of foreign investors prefer China over India for investment opportunities as China has a bigger market size than India, offers easy accessibility to export market, government incentives, developed infrastructure, cost-effectiveness and macro-economic climate, India on the other hand has talented management system, rule of law, transparent system of work, cultural affinity and regularity environment.

Although China attracts considerably more FDI than India, there is reason to believe that India is emerging as an increasingly attractive location of FDI. This is despite problems related to its poor quality of infrastructure, inefficient government bureaucracy and labour market inflexibilities. Yet FDI inflows alone are insufficient to translating is not higher growth unless they can be efficiency channeled into growth mechanisms notably through spillover effects. Never the less, recent trends in both China and India have shown that FDI is increasing being courted as a means of stimulating high economic growth. It should be noted that without a competitive development strategy. FDI alone will not be a solution in itself to economic development in either country.

The study suggests the policy makers to focus more on attracting diverse type of FDI. The policy makers should design policies where foreign investment can be utilized as means of enhancing domestic production, savings, and exports; as medium of technological learning and technology diffusion and in providing access to the external markets. The government should push for the speedy improvement of infrastructure sectors requirements which are important for diversification of business activities. FDI is beneficial to India's growth. India needs to create a talent pool and suitable investment climate for the foreign direct investment, and it needs to develop infrastructure that will encourage the investors. That will bring more FDI into India. Government should open doors to foreign companies in the export oriented services which could increase the demand of unskilled workers and low skilled services and also increases the wage level in these services. Finally, it is suggested that the policy makers should ensure optimum utilization of funds and timely implementation of projects. It is also observed that the realization approved FDI into actual disbursement is quite low. It is also suggested that the govt. while pursuing prudent policies must also exercise strict control over inefficient bureaucracy, red-tapism and the rampant corruption, so that investors' confidence can be maintained for attracting more FDI inflows to India. Last but not least, the study suggests that this government ensures FDI quality rather than its magnitude.

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